# SABA M8522C

## television set 4/3 format

Chassis code ICC17
50 Hz technology
33 inches
MP tube
BLACK MATRIX processing
METAL mask
SABA menu system
Stereo sound
2 x 20 W
Built-in teletext
Standard : PAL / SECAM
NTSC via SCART connector
Norms : BGHDKK'L

image
sound
special features
connectors / general remarks

## image

MP 33 inches tube - 4/3 format
Mask METAL
BLACK MATRIX processing for optimal contrast
S-VHS
Zoom
Total tube size : 33 inches diagonal
Picture size : 30 inches diagonal
Standard : PAL / SECAM / NTSC via Vidéo connector
Norms : BGHDKK'L
Fastext / Toptext : 6 pages

## sound

Stereo sound
Power : 2 x 20 W music
2 speakers medium
Spatial / Pseudo effects

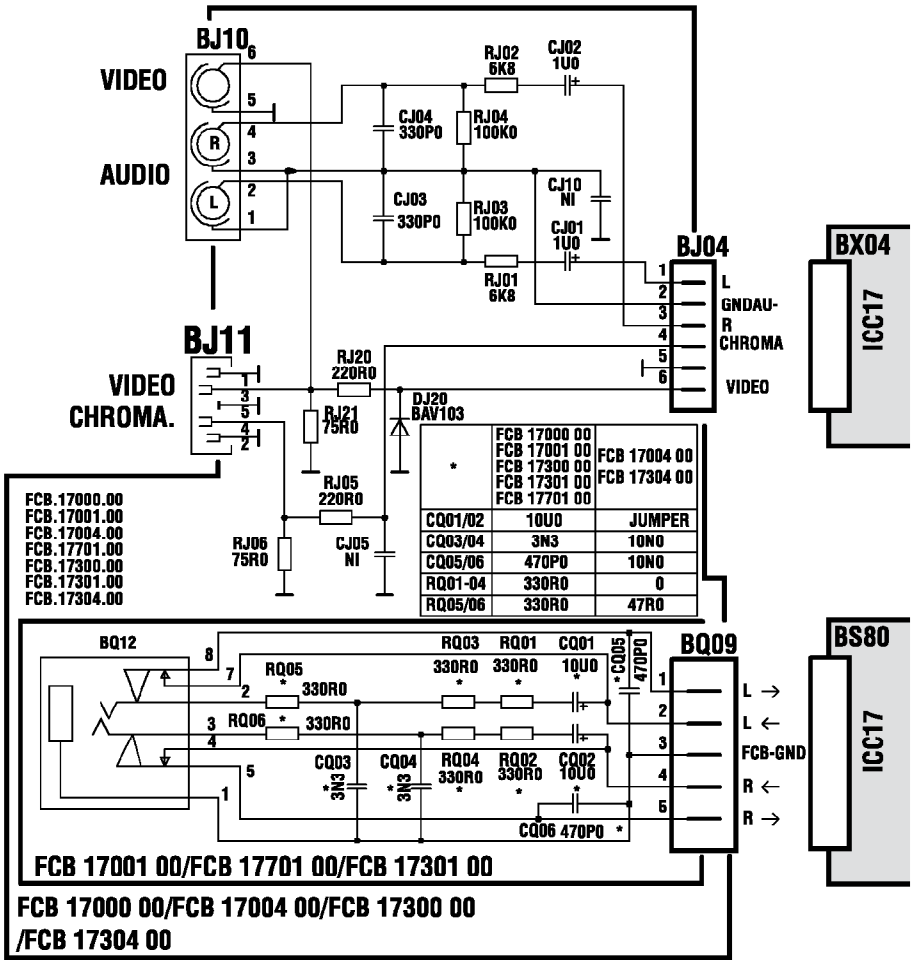
## special features

Automatically switches to standby mode when no signal is present after 5 minutes
Child lock
Display of channel number
Hotel mode
SABA menu system
Memorize up to 99 channels + 3 AV channel
Auto programming
Frequency synthesis tuner
Compatible with cable networks
8 MHz hyperband
TC100 remote control

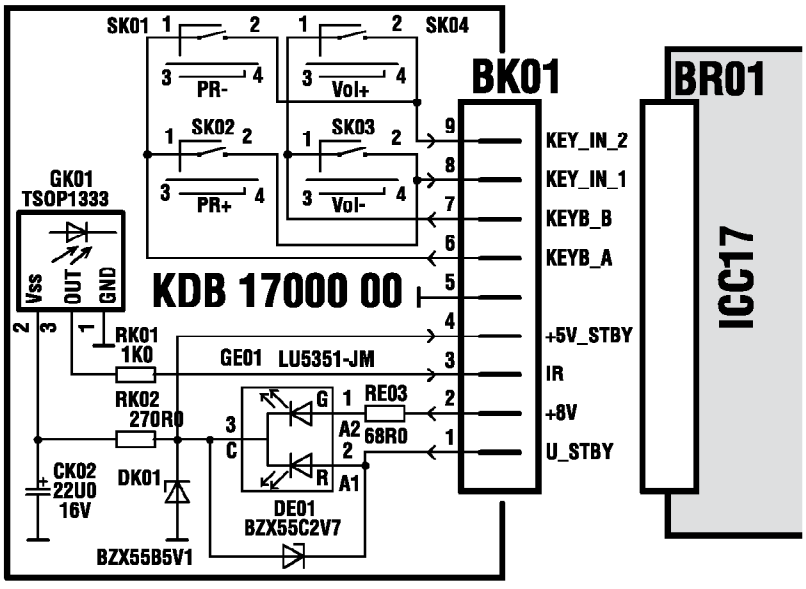
## connectors / general remarks

1 antenna connector
Front or Side : Headphone jack (3,5 mm)
2 AUDIO in / 1 CVBS in / S-VIDEO in cinches
Rear : 2 SCART connectors
Power supply : 220 - 240 V; 50/60 Hz
Consumption : 100 W/h - in stand-by mode < 1 W/h
Weight : 50 kg
Dimensions (W x H x D) : 757 x 666 x 535 mm
Optional stand : STTH3350

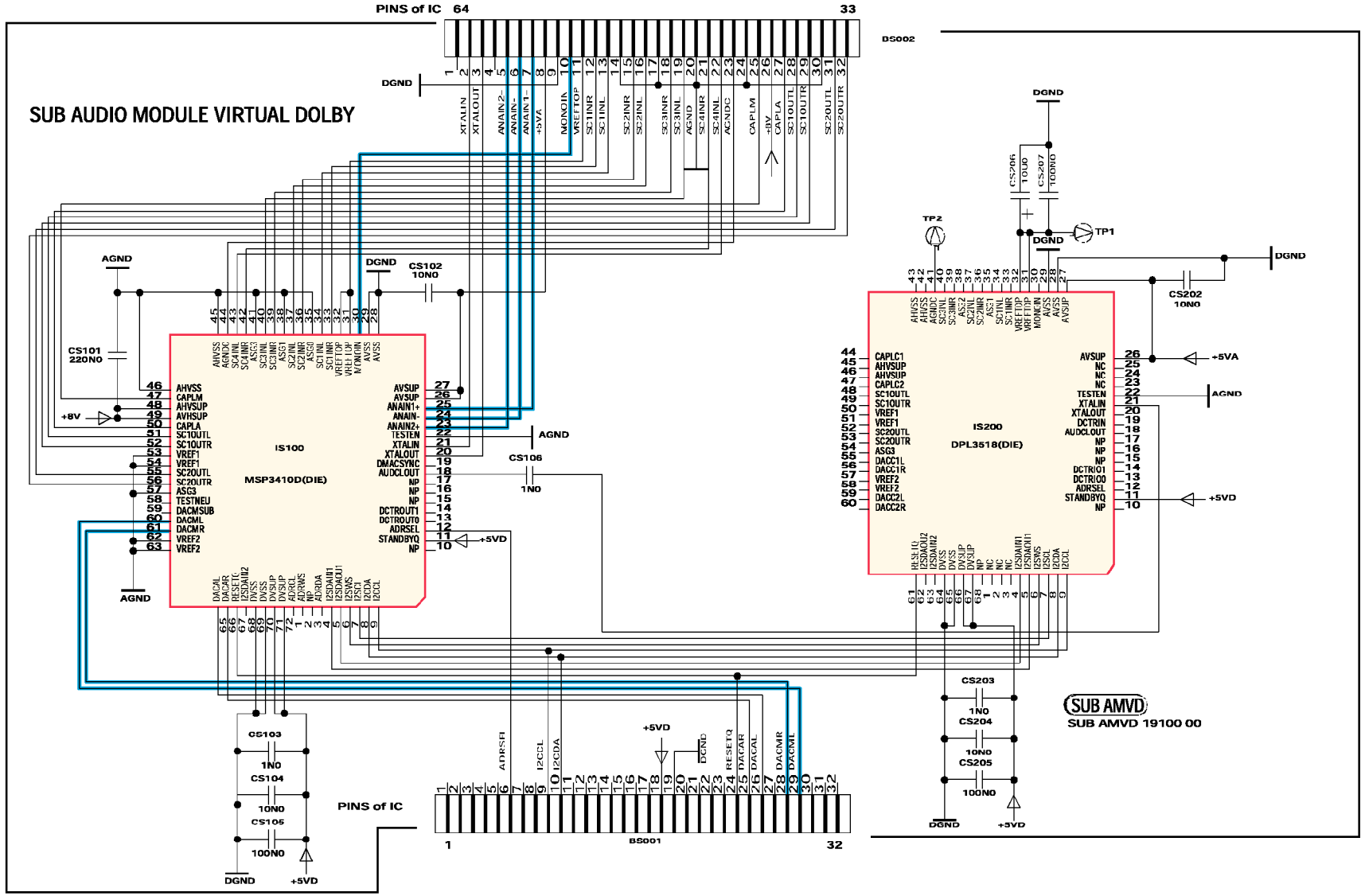
## FRONT CONNECTOR BOARD - MODULE PRISE EN FACADE ET INTERCONNXION DU CLAVIER - FRONT ANSCHLUSSPLATTE - PIASTRA CONNESSIONE FRONTALE PLATINA MONDOS FRONTAL



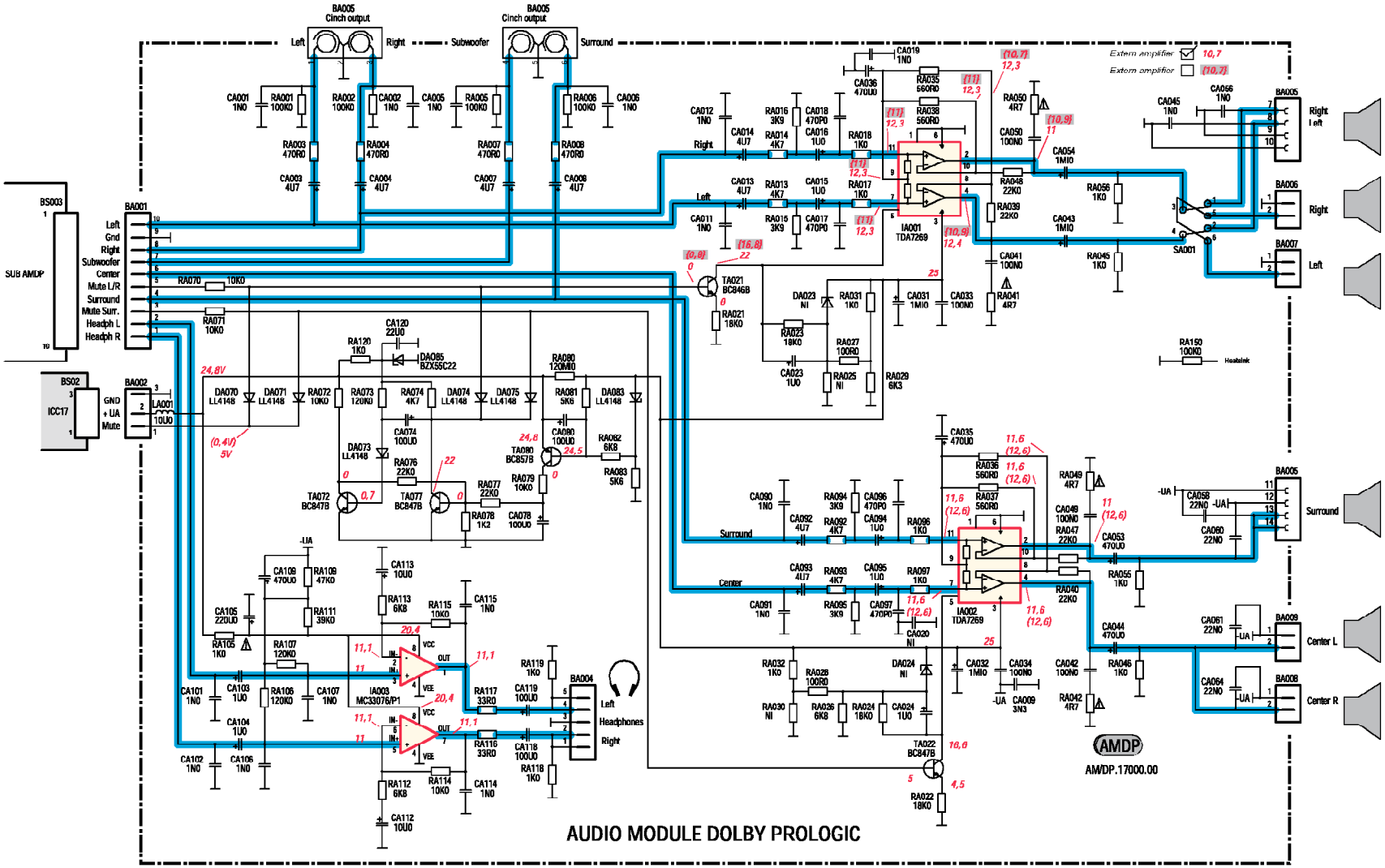

## KEYBOARD MODULE - PLATINE CLAVIER - BEDIENTEILPLATTE - PIASTRA COMANDI - PLATINA TECLADO

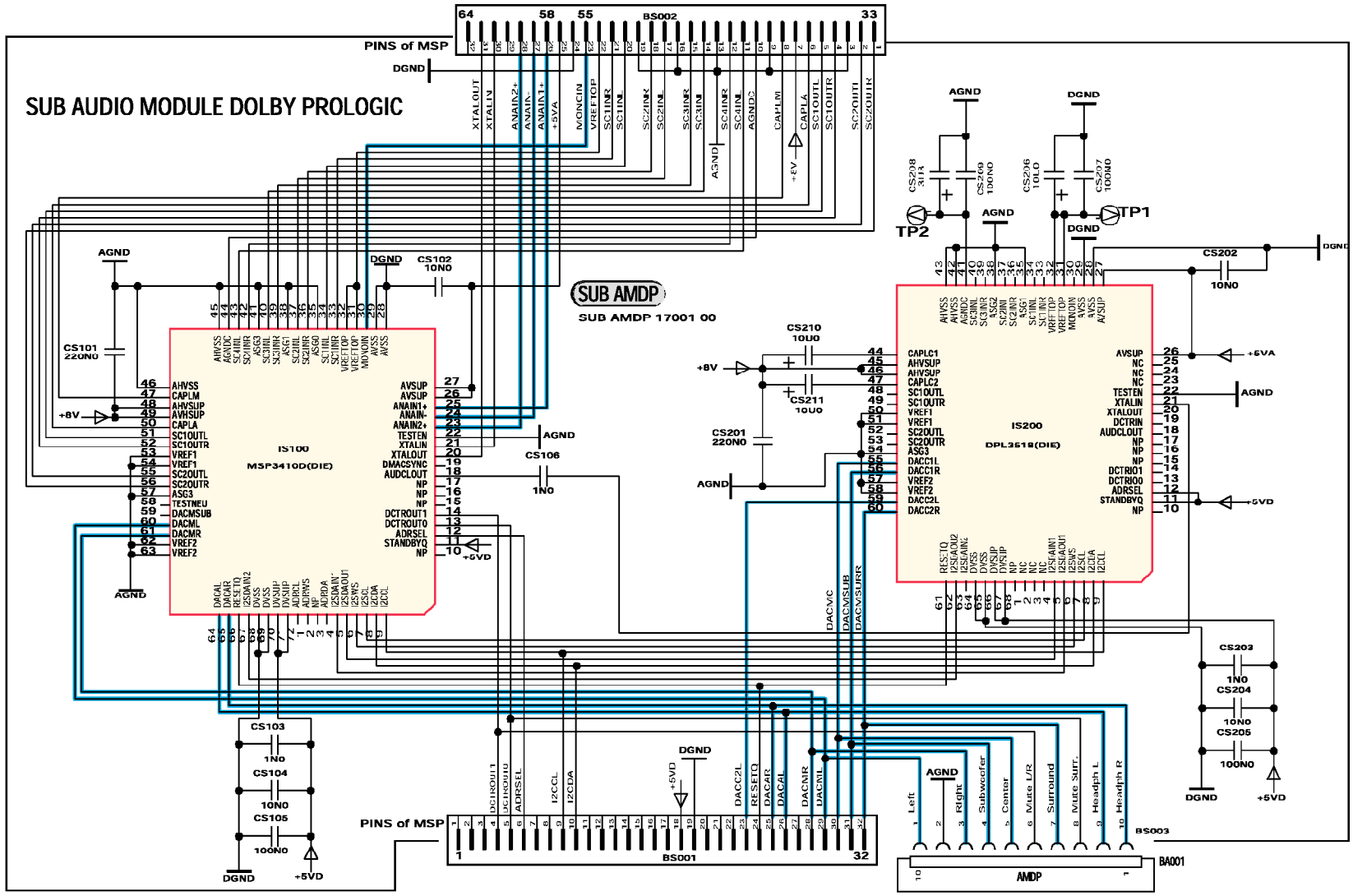


**SUB AUDIO SIGNAL MODULE - SUB MODULE AUDIO - AUDIO SIGNAL SUBMODUL - SUB MODULO AUDIO**



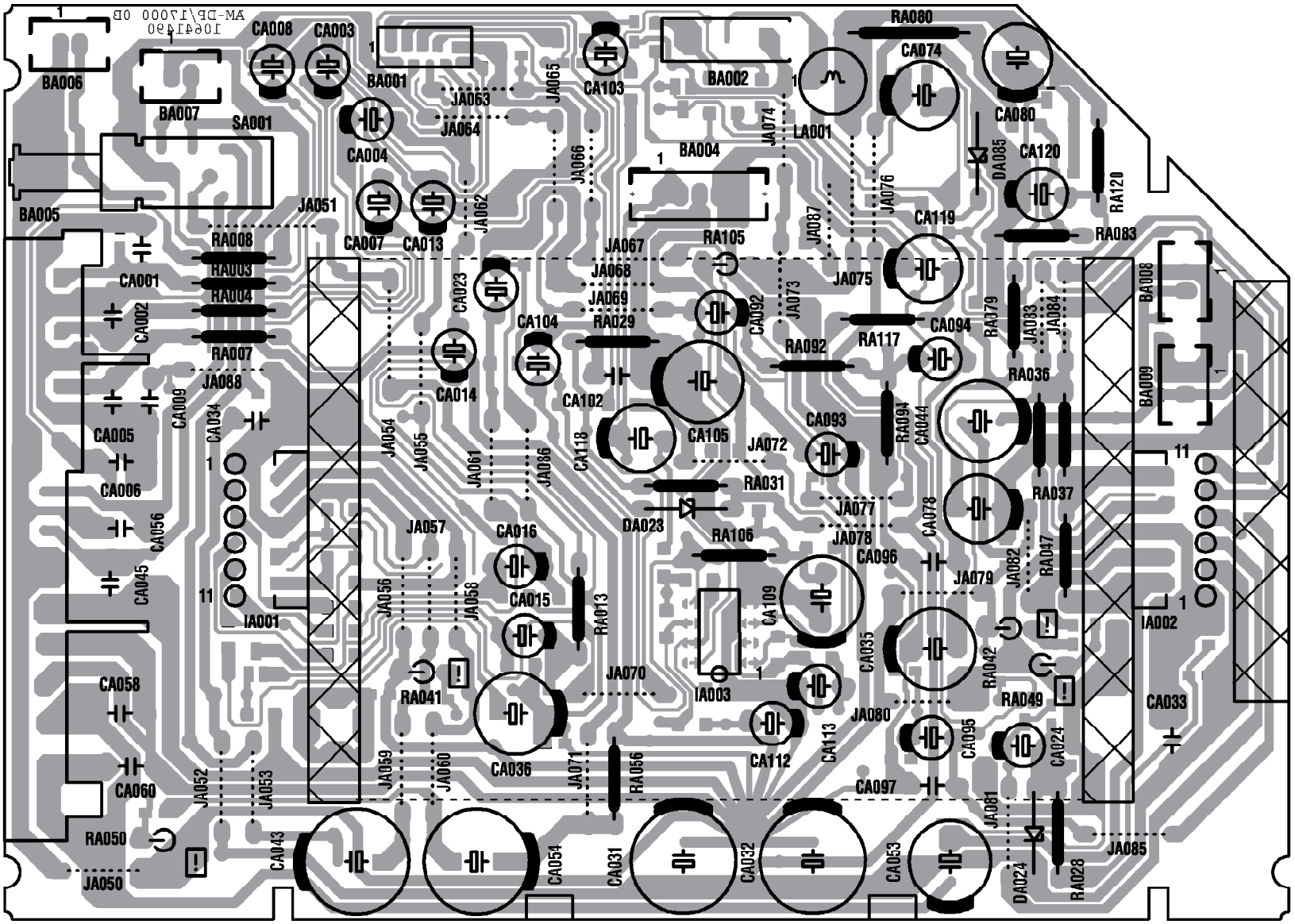
**AUDIO SIGNAL MODULE DOLBY PROLOGIC - MODULE AUDIO DOLBY PROLOGIC - DOLBY PROLOGIC VERSTÄRKER - MODULO AUDIO DOLBY PROLOGIC**
**ESQUEMA DEL MÖDULO AMPLIFICADOR DE AUDIO**




SUB AUDIO MODULE DOLBY PROLOGIC
PINS of MSP
BS002
DGND
AGND
SUB AMDP
SUB AMDP 17001 00
IS100
MSP3410D(DIE)
IS200
DPL3618(DIE)
CS101 220N0
CS102 10N0
CS103 1N0
CS104 10N0
CS105 100N0
CS106 1N0
CS201 220N0
CS202 10N0
CS203 1N0
CS204 10N0
CS205 100N0
CS206 10U0
CS207 100N0
CS208 3U3
CS209 100N0
CS210 10U0
CS211 10U0
TP1
TP2
+8V
+5VA
+5VD
BS001
BS003
BA001
AMDP
Left
Right
Subwoofer
Center
Mute L/R
Surround
Mute Surr.
Headph L
Headph R

**AUDIO SIGNAL MODULE DOLBY PROLOGIC - MODULE AUDIO DOLBY PROLOGIC - DOLBY PROLOGIC VERSTÄRKER - MODULO AUDIO DOLBY PROLOGIC - ESQUEMA DEL MÕDULO AMPLIFICADOR DE AUDIO**

COMPONENT SIDE - CÖTE COMPOSANTS - BESTÜCKUNGSSEITE -LATO COMPONENTI - LADO COMPONENTES



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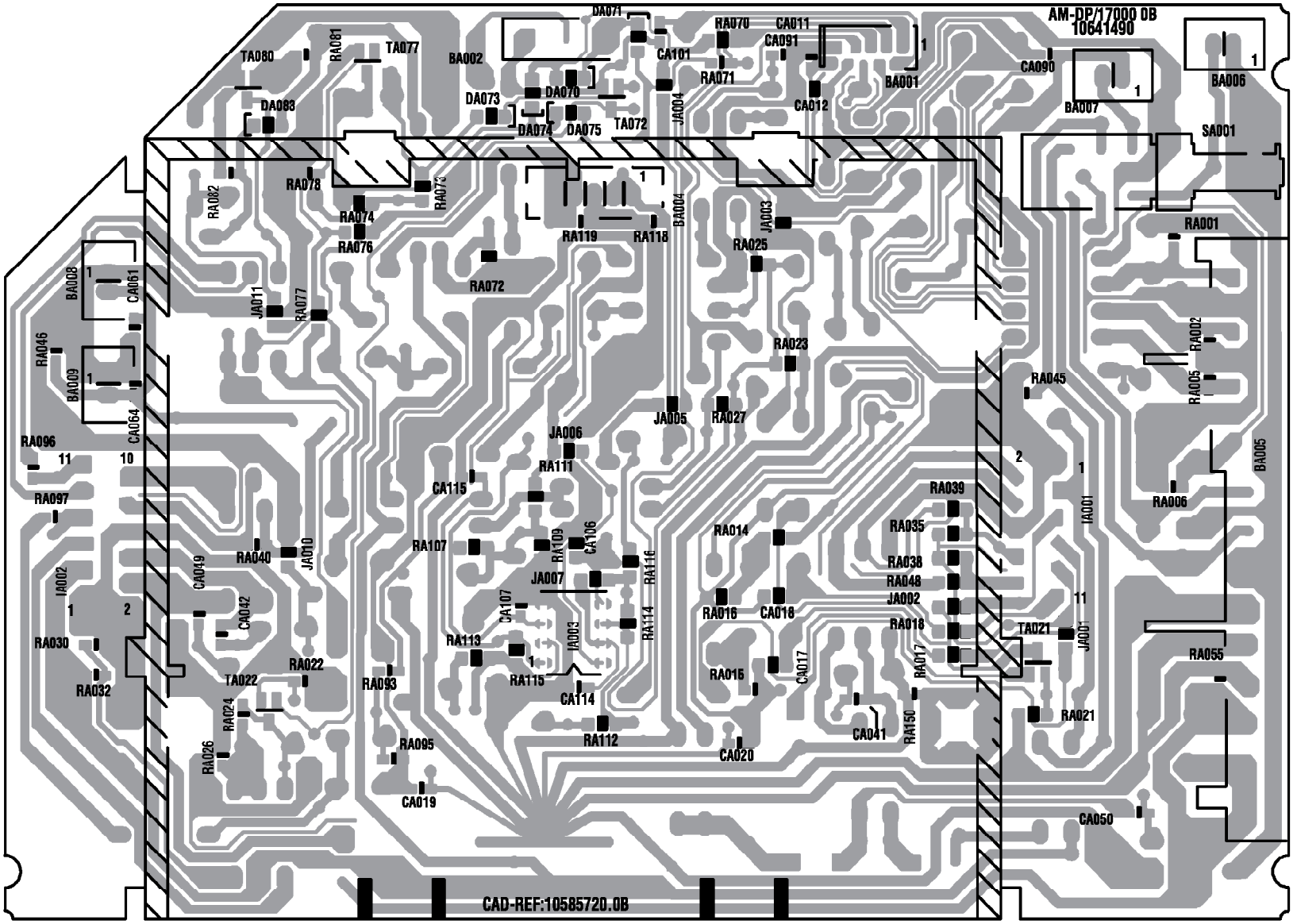
SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - LATO SALDATURE - LADO SOLDADURAS



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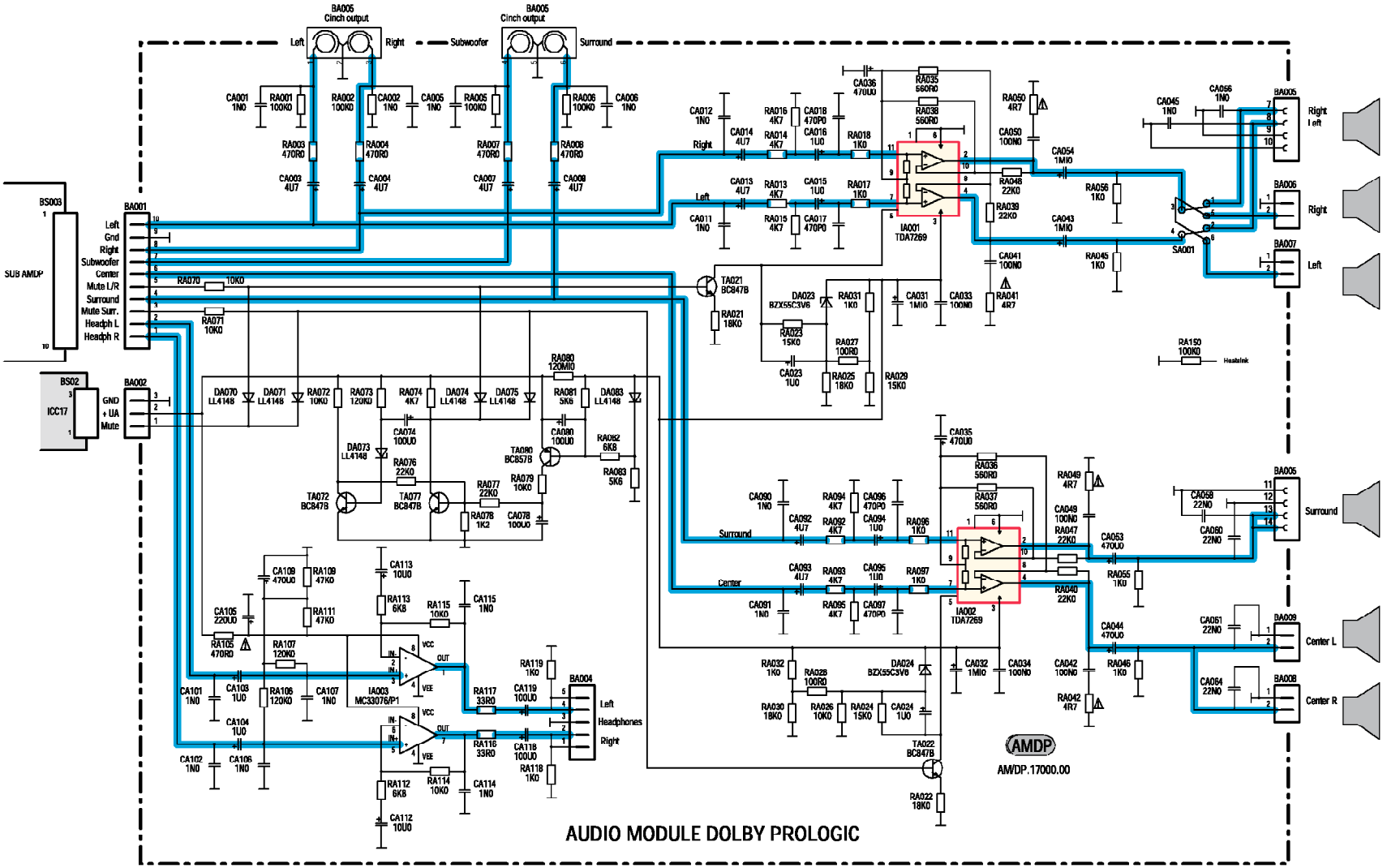
**ESQUEMA DEL MÖDULO AMPLIFICADOR DE AUDIO**

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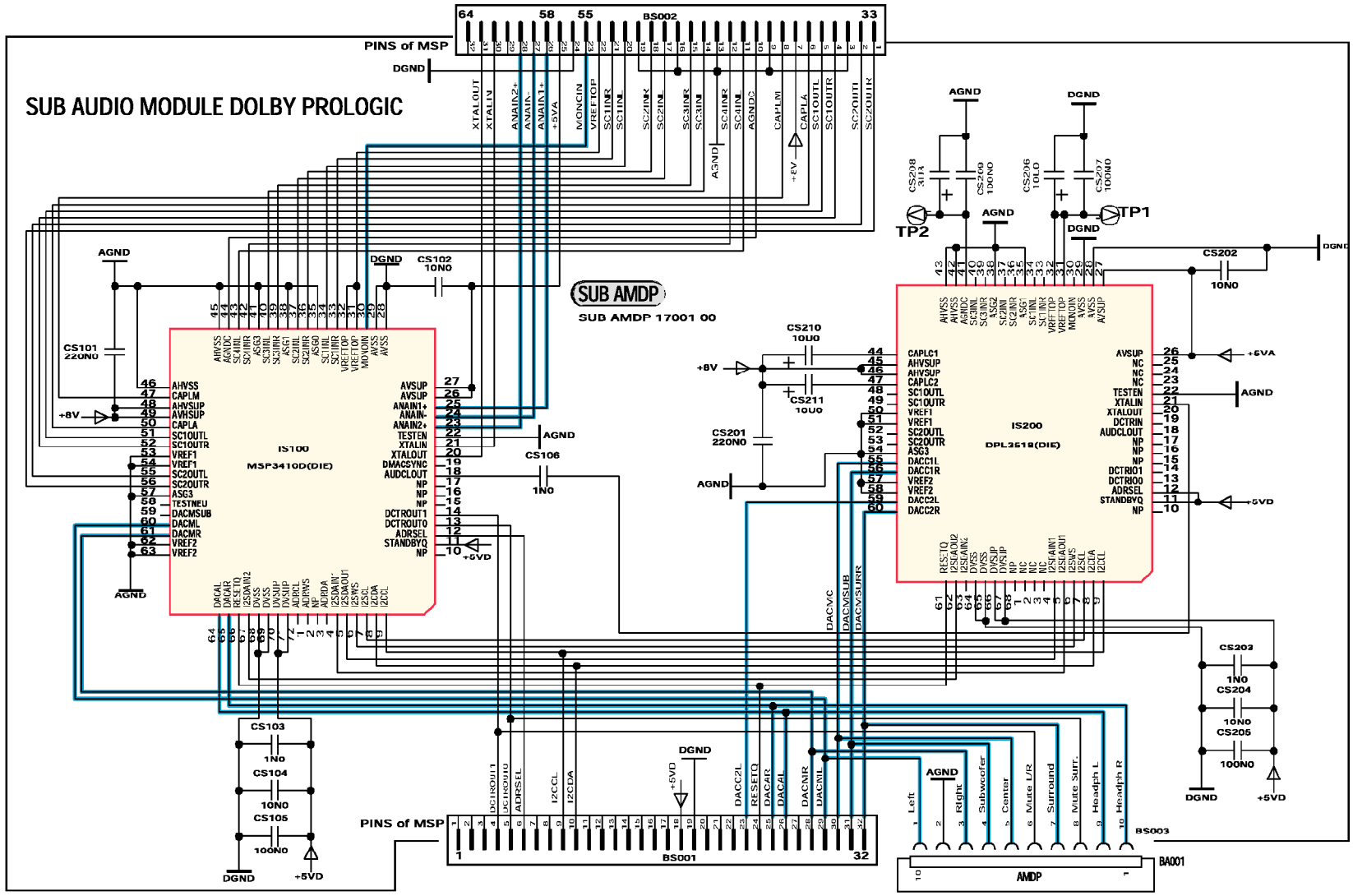
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AGND
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MSP3410D(DIE)
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CS101 220N0
CS102 10N0
CS103 1N0
CS104 10N0
CS105 100N0
CS106 1N0
CS201 220N0
CS202 10N0
CS203 1N0
CS204 10N0
CS205 100N0
CS206 10U0
CS207 100N0
CS208 3U3
CS209 100N0
CS210 10U0
CS211 10U0
TP1
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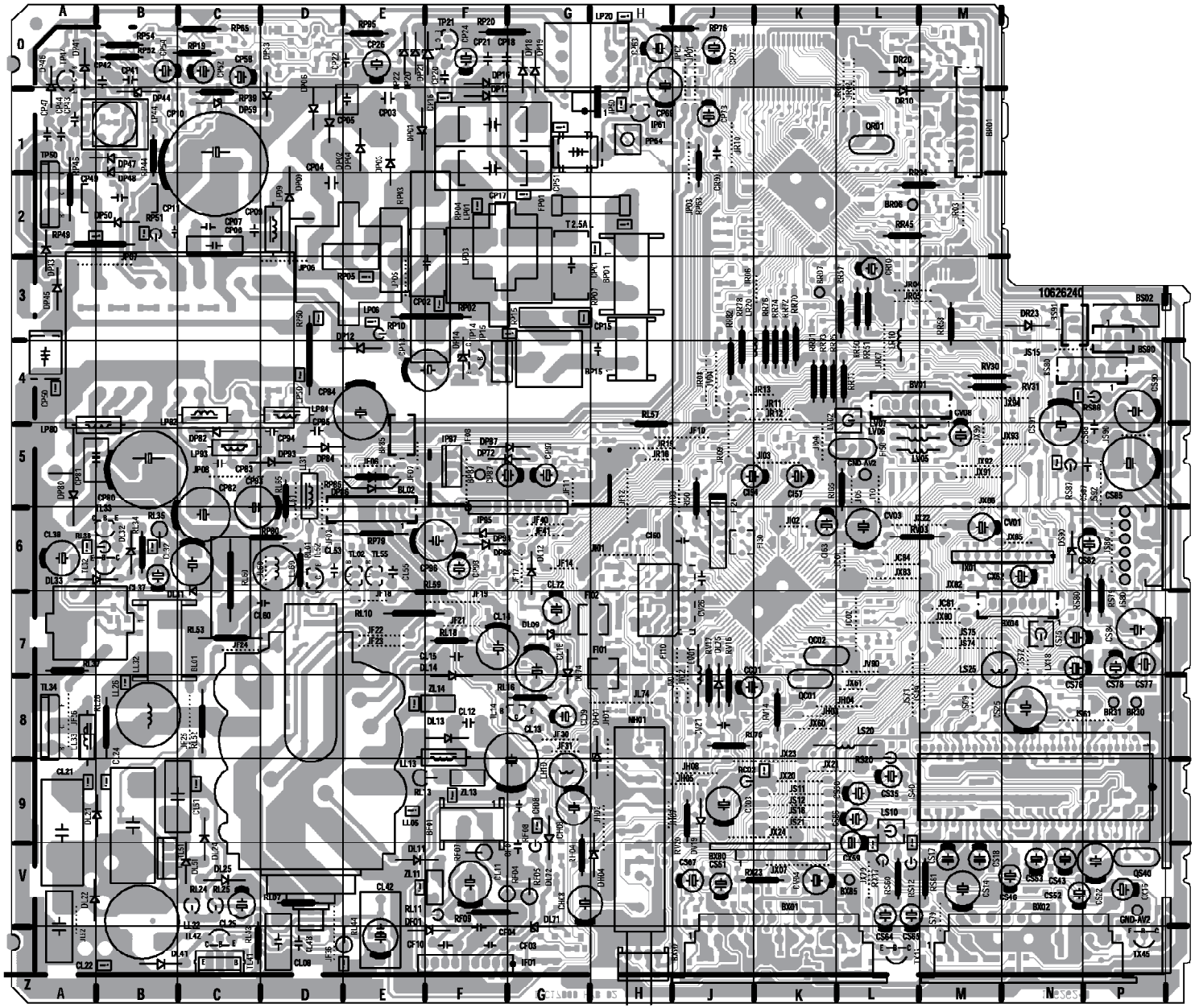
+8V
+5VA
+5VD
BS001
BS003
BA001
AMDP
Left
Right
Subwoofer
Center
Mute L/R
Surround
Mute Surr.
Headph L
Headph R

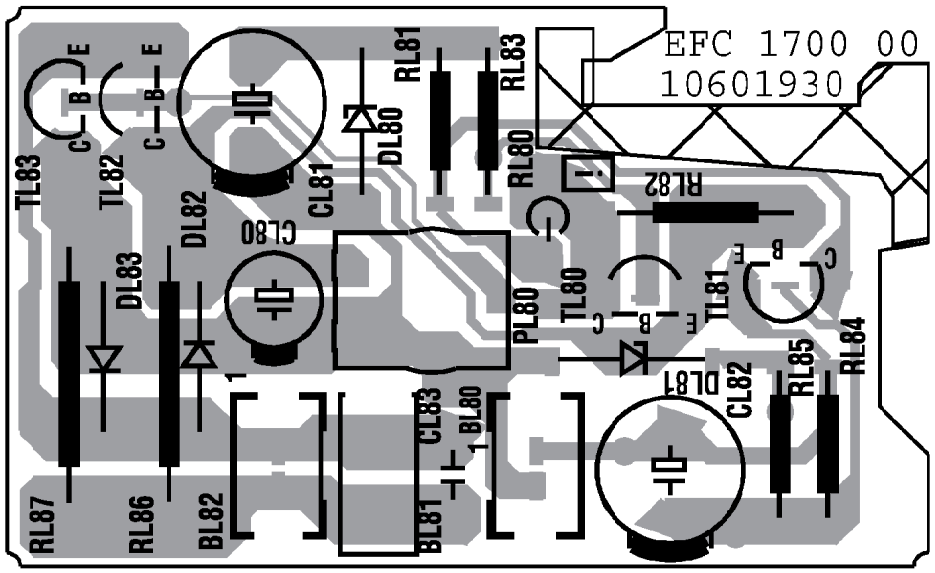
**MAIN BOARD - PLATINE PRINCIPALE - CHASSIS GRUNDPLATTE - PIASTRA PRINCIPALE - PLATINA PRINCIPAL**

COMPONENT SIDE - COTE COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI - LADO COMPONENTES

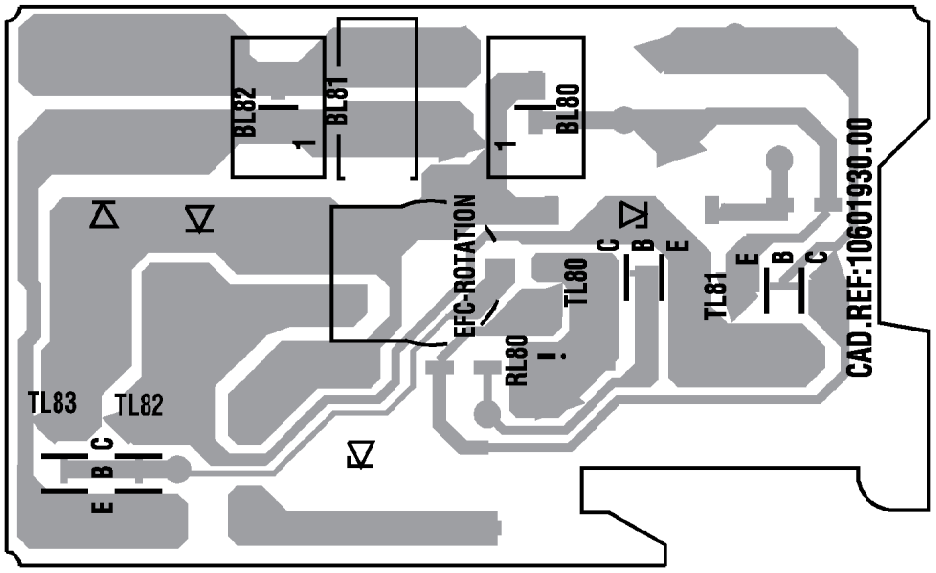


**EFC 17000**
**EARTH-FIELD CORRECTION BOARD**

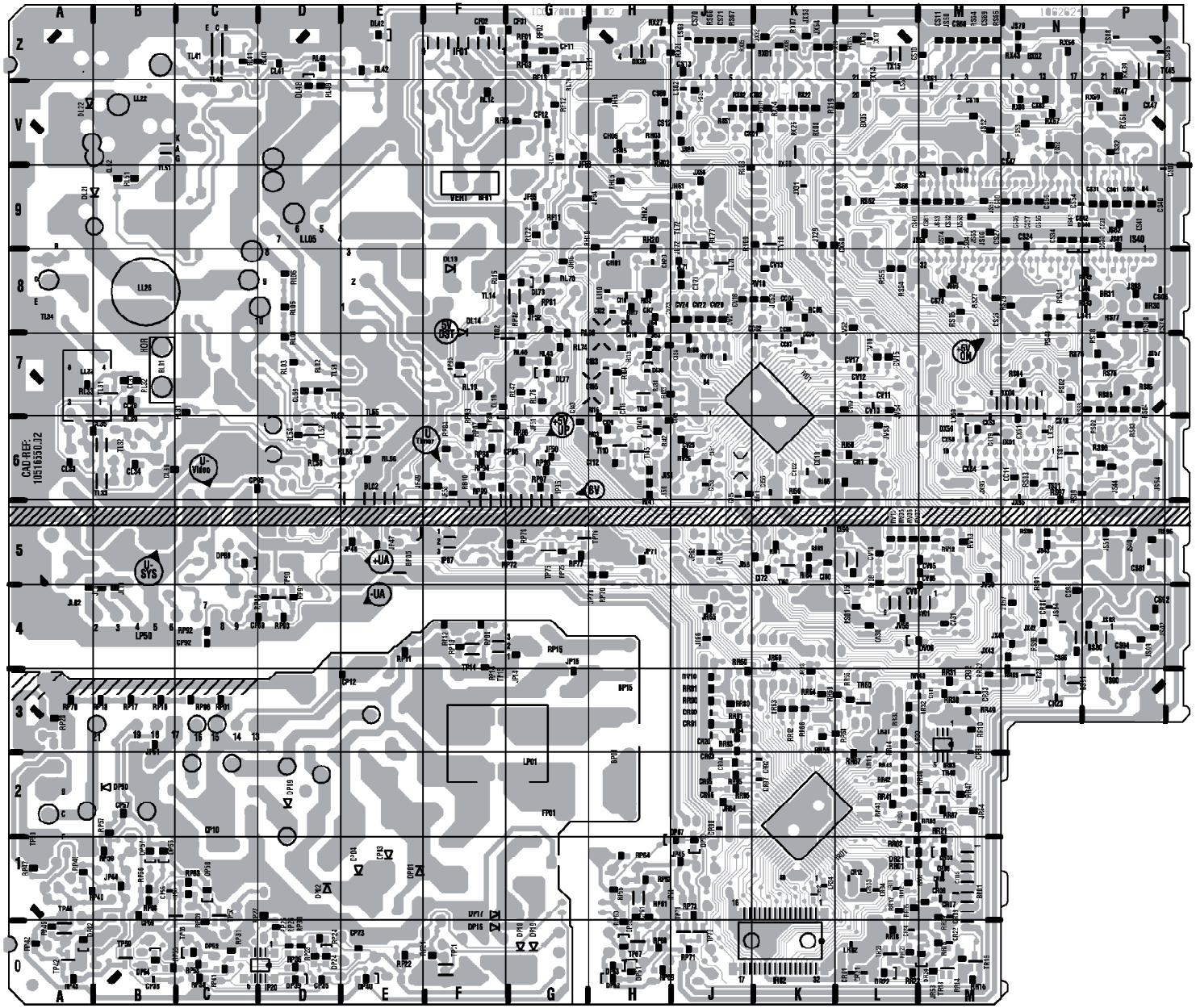
COMPONENT SIDE - CÖTE COMPOSANTS - BESTÜCKUNGSSEITE -LATO COMPONENTI
LADO COMPONENTES



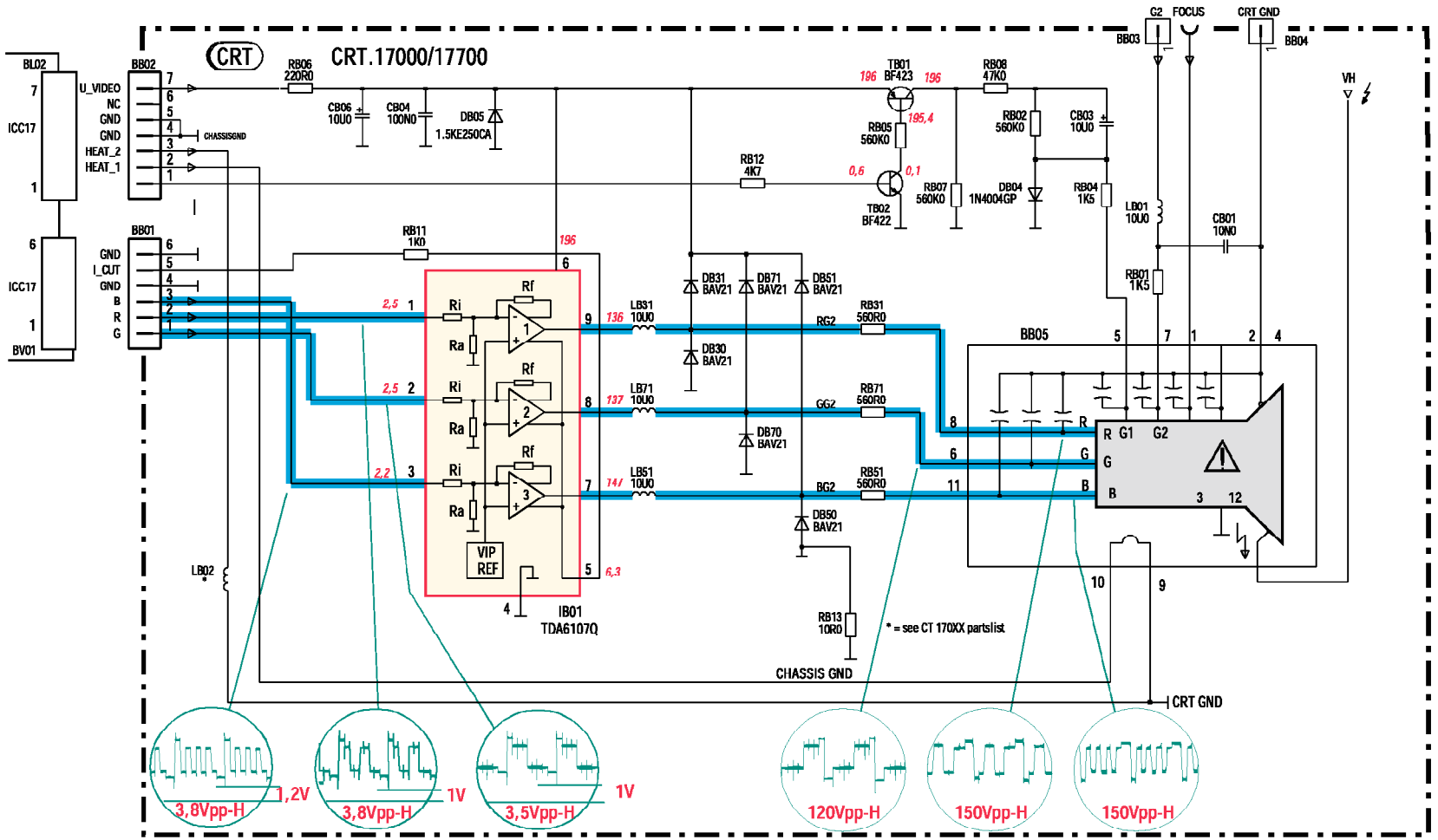

SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - LATO SALDATURE - LADO SOLDADURAS



SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - LATO SALDATURE - LADO SOLDADURAS



# VIDEO AMPLIFIER BOARD - PLATINE AMPLIFICATEURS VIDEO - VIDEOVERSTÄRKERPLATTE - PIASTRA AMPLIFICATORE VIDEO - PLATINA AMPLIFICADOR VIDEO

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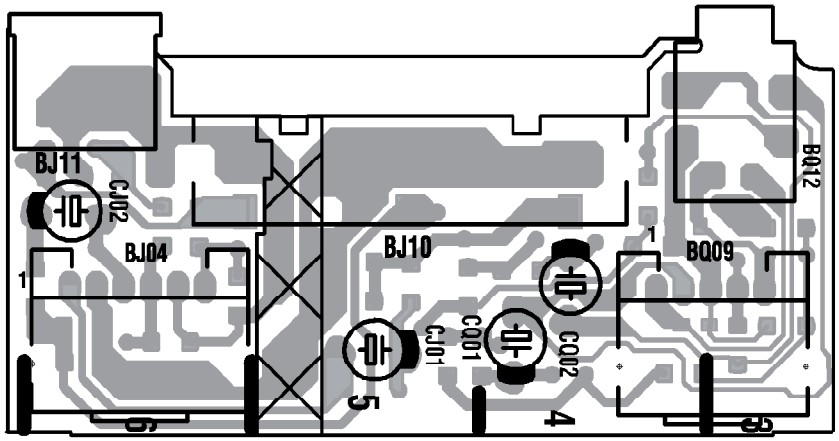
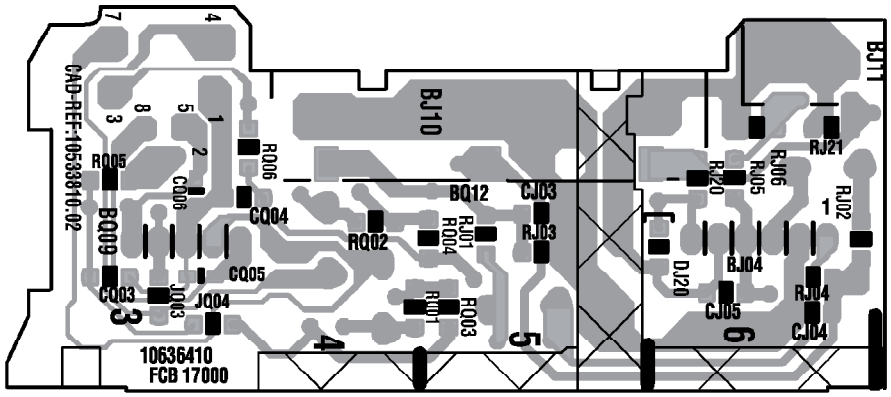
Up^dated 04 / 99

## FRONT CONNECTOR BOARD - PRISES EN FACADE - FRONT ANSCHLUSSPLATTE
## PIASTRA CONNESSIONE FRONTALE - PLÁTINA MANDOS FRRONTAL

COMPONENT SIDE - CÖTE COMPOSANTS - BESTÜCKUNGSSEITE -LATO COMPONENTI
LADO COMPONENTES

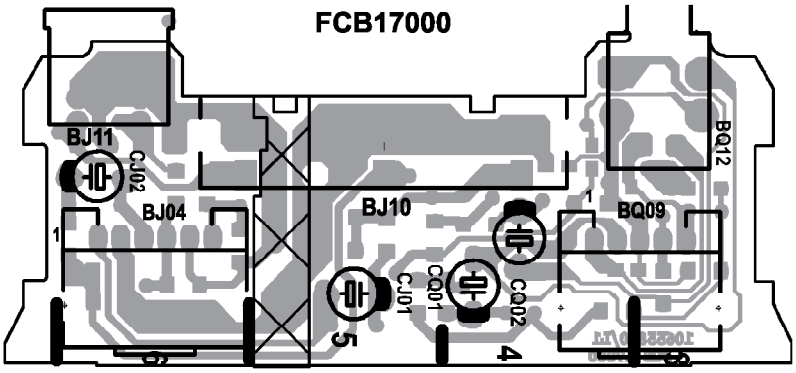



SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - LATO SALDATURE - LADO SOLDADURAS

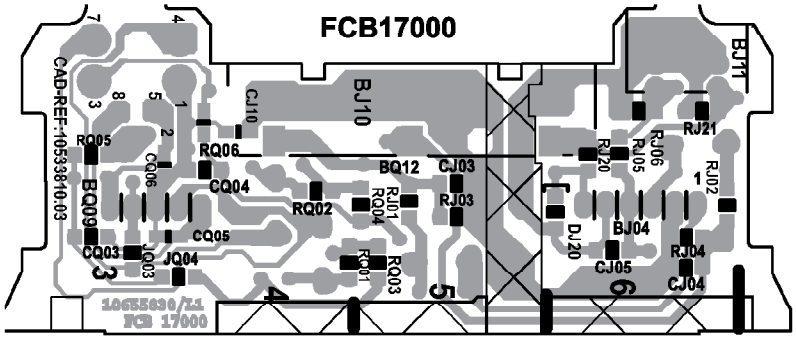


## FRONT CONNECTOR BOARD - MODULE PRISE EN FACADE ET INTERCONNXION DU CLAVIER - FRONT ANSCHLUSSPLATTE - PIASTRA CONNESSIONE FRONTALE PLATINA MONDOS FRONTAL

COMPONENT SIDE - COTE COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI - LADO COMPONENTES



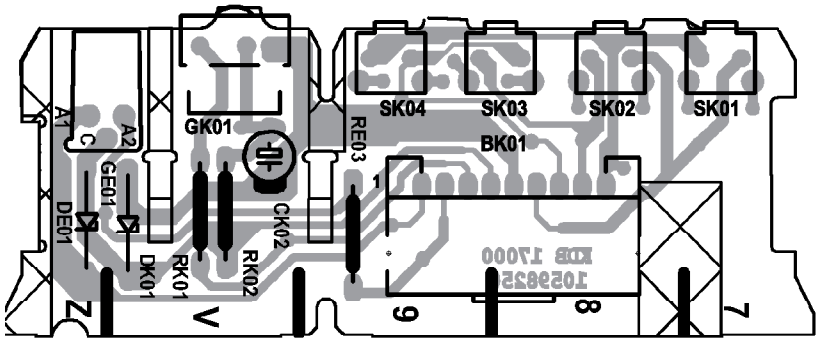

SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - LATO SALDATURE - LADO SOLDADURAS



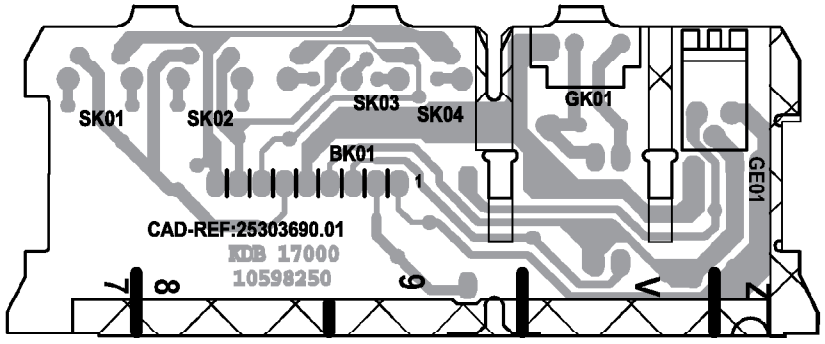

## KEYBOARD MODULE - PLATINE CLAVIER - BEDIENTEILPLATTE - PIASTRA COMANDI - PLATINA TECLADO

KDB17000

COMPONENT SIDE - COTE COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI - LADO COMPONENTES

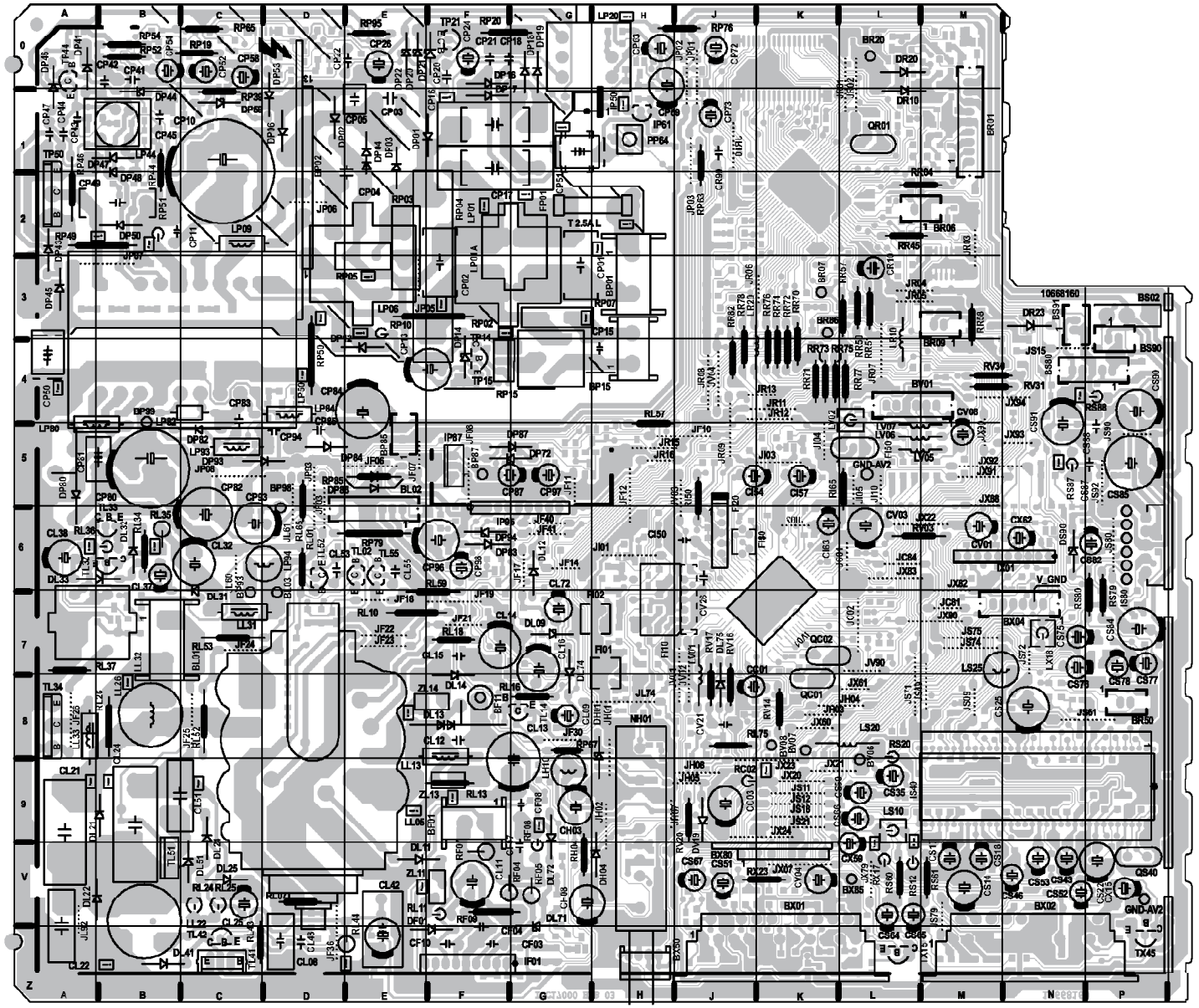



SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - LATO SALDATURE - LADO SOLDADURAS

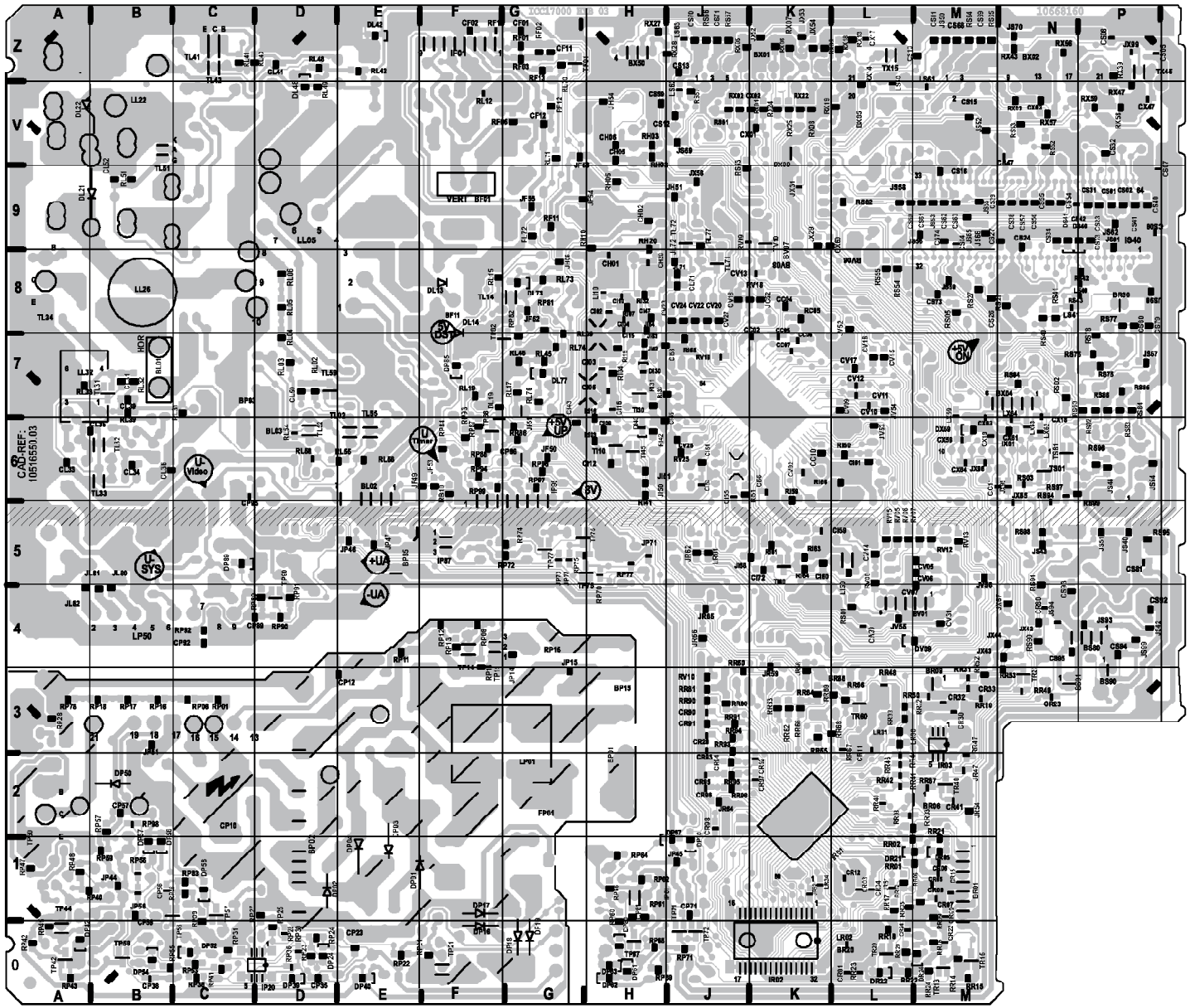


**MAIN BOARD - PLATINE PRINCIPALE - CHASSIS GRUNDPLATTE - PIASTRA PRINCIPALE - PLATINA PRINCIPAL**

COMPONENT SIDE - COTE COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI - LADO COMPONENTES

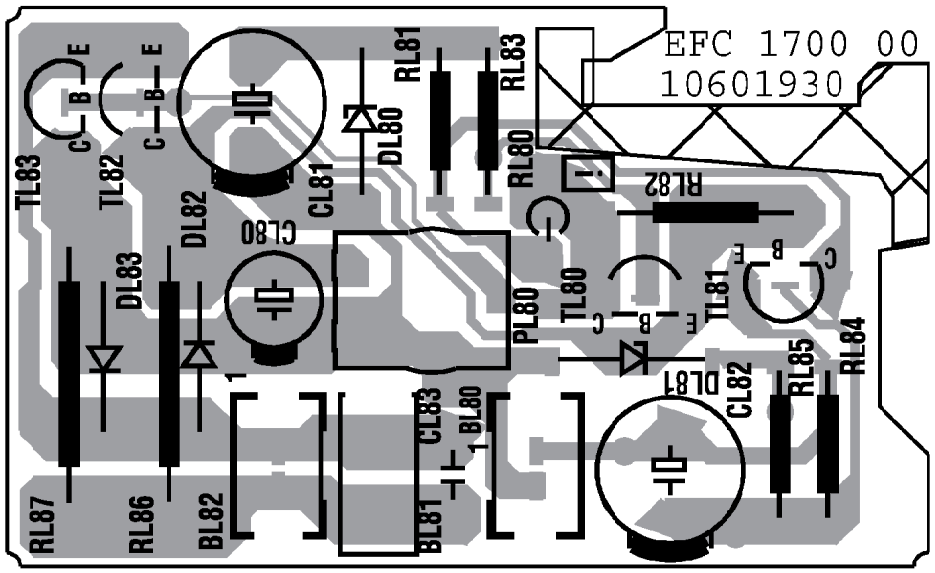


SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - LATO SALDATURE - LADO SOLDADURAS

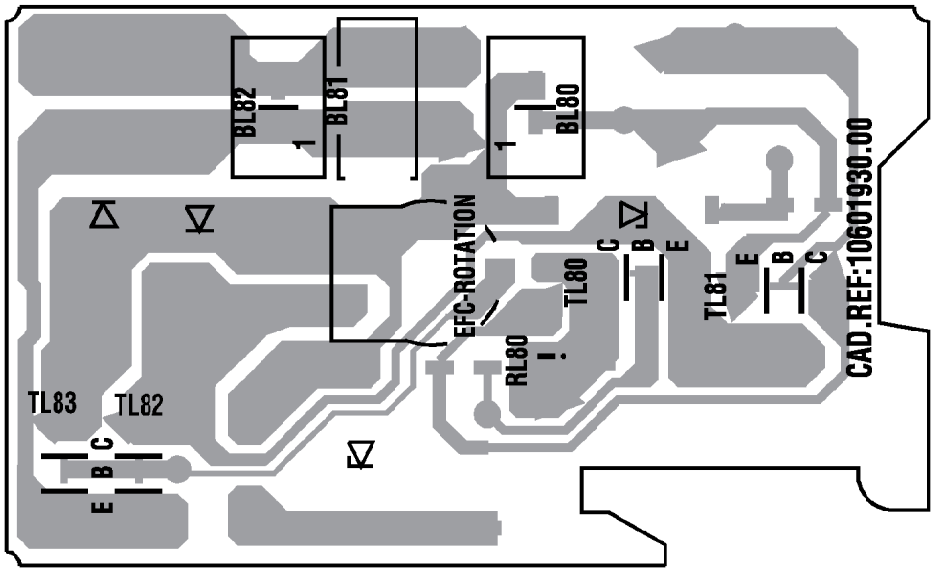


**EFC 17000**
**EARTH-FIELD CORRECTION BOARD**

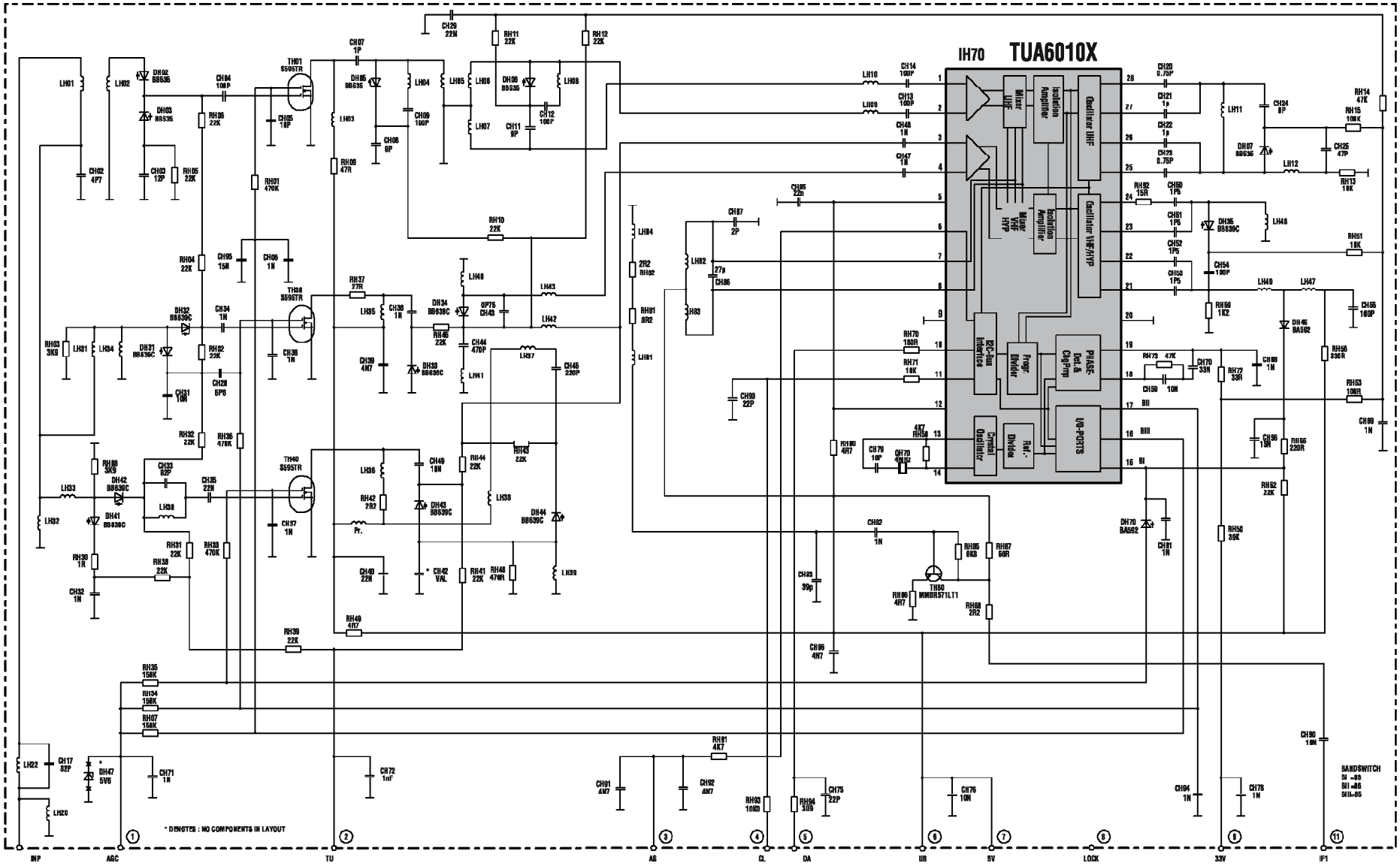
COMPONENT SIDE - CÖTE COMPOSANTS - BESTÜCKUNGSSEITE -LATO COMPONENTI
LADO COMPONENTES

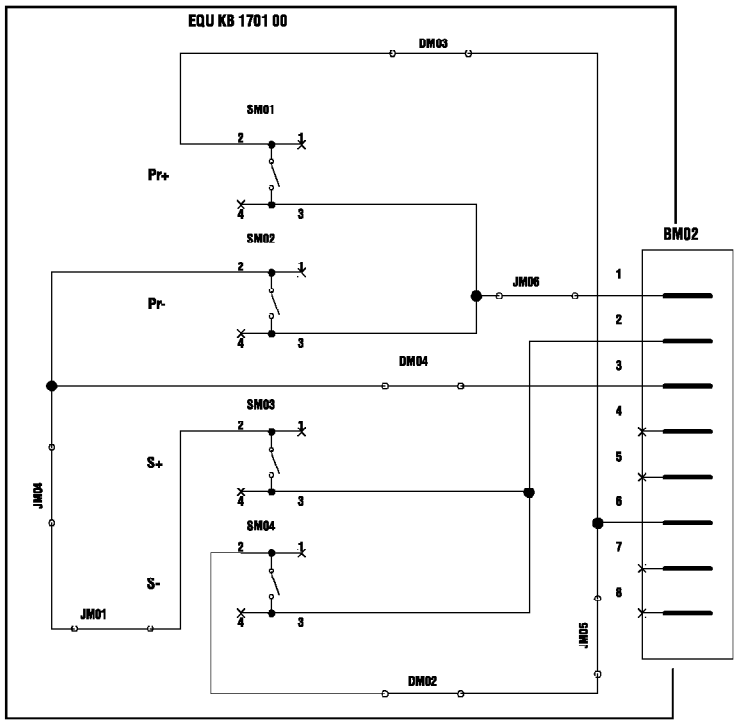


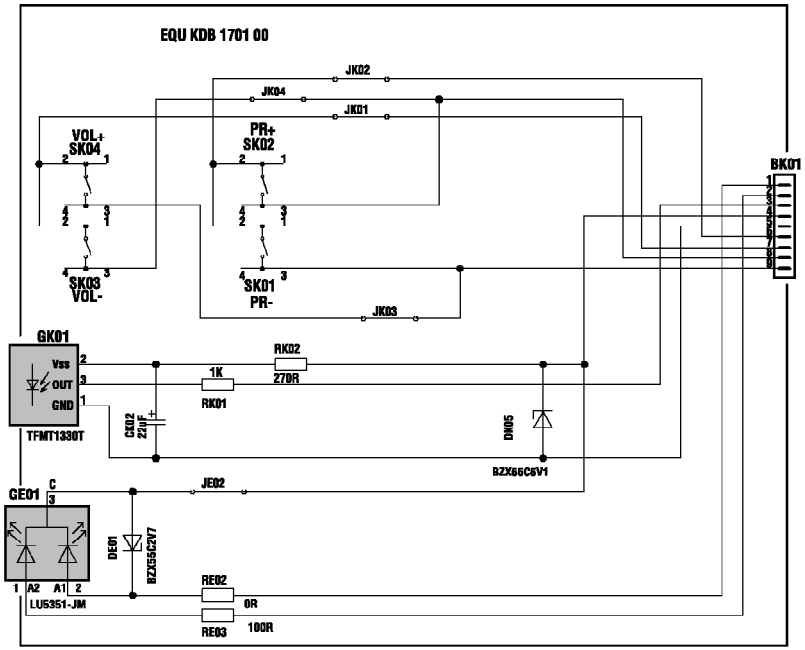

SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - LATO SALDATURE - LADO SOLDADURAS

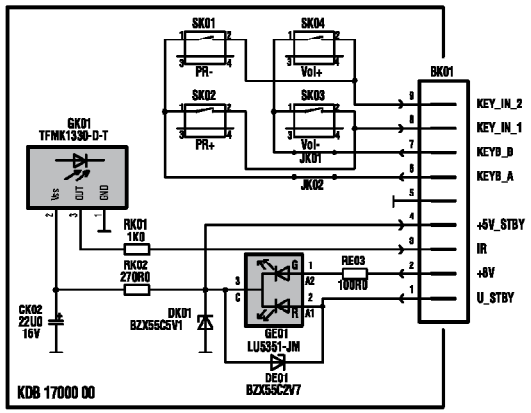


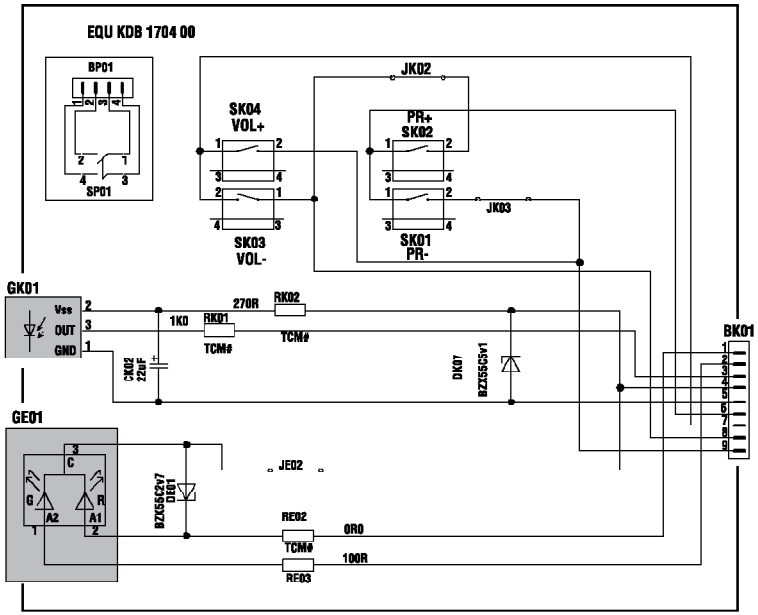
## VHF / UHF TUNER CTT5010 ( For information only )

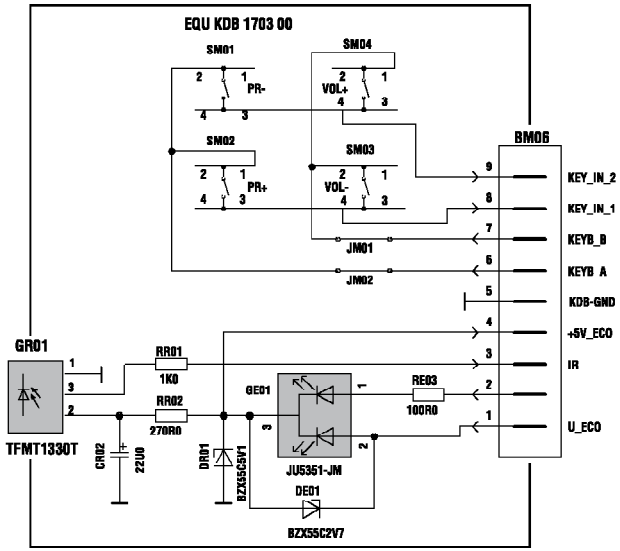


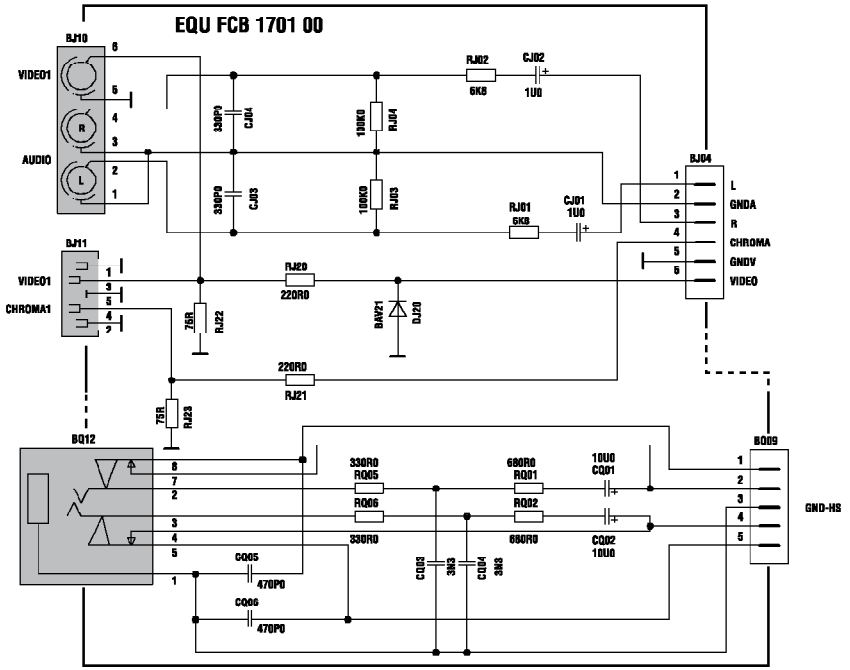

EQU KB 1701 00
DM03
SM01
Pr+
SM02
Pr-
JM06
BM02
DM04
SM03
S+
SM04
S-
JM04
JM01
JM05
DM02


EQU KDB 1701 00
JK02
JK04
JK01
VOL+
SK04
PR+
SK02
SK03
VOL-
SK01
PR-
JK03
BK01
GK01
Vss
OUT
GND
TFMT1330T
1K
RK01
RK02
270R
CK02
22uF
DM05
BZX55C5V1
GE01
JE02
DE01
BZX55C2V7
LU5351-JM
RE02
0R
RE03
100R


SK01
PR-
SK04
Vol+
SK02
PR+
SK03
Vol-
JK01
JK02
BK01
KEY_IN_2
KEY_IN_1
KEY8_B
KEY8_A
+5V_STBY
IR
+8V
U_STBY
GK01
TFMK1330-D-T
Vss
OUT
GND
RK01
1K0
RK02
270R0
RE03
100R0
CK02
22U0
16V
DK01
BZX55C5V1
GE01
LU5351-JM
DE01
BZX55C2V7
KDB 17000 00


EQU KDB 1704 00
BP01
SP01
JK02
SK04
VOL+
PR+
SK02
JK03
SK03
VOL-
SK01
PR-
GK01
Vss
OUT
GND
270R
RK02
1K0
RK01
TCM#
CK02
22nF
DK07
BZX55C5V1
BK01
GE01
JE02
BZX55C2V7
DE01
RE02
0R0
100R
RE03


EQU KDB 1703 00
SM01
SM04
PR-
VOL+
SM02
SM03
PR+
VOL-
JM01
JM02
BM06
KEY_IN_2
KEY_IN_1
KEYB_B
KEYB_A
KDB-GND
+5V_ECO
IR
U_ECO
GR01
TFMT1330T
RR01
1K0
RR02
270R0
CR02
22U0
DR01
BZX55C2V1
GE01
JU5351-JM
RE03
100R0
DE01
BZX55C2V7


EQU FCB 1701 00
BJ10
VIDEO1
AUDIO
RJ02
6K8
CJ02
1U0
CJ04
330P0
RJ04
100K0
CJ03
RJ03
RJ01
CJ01
BJ04
L
GNDA
R
CHROMA
GNDV
VIDEO
BJ11
CHROMA1
RJ20
220R0
BAR21
DJ20
75R
RJ22
RJ21
RJ23
BQ12
BQ09
GND-HS
RQ05
330R0
RQ01
680R0
CQ01
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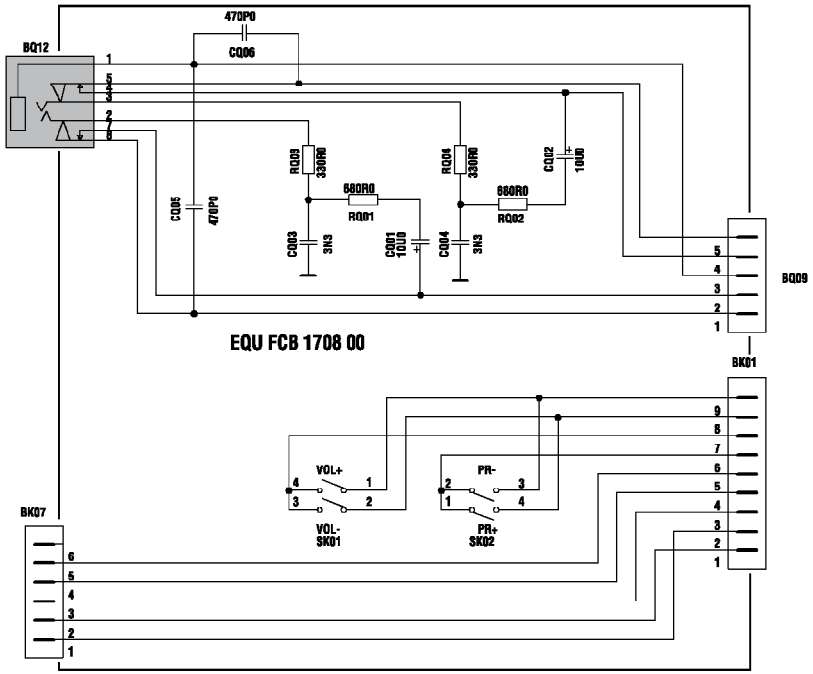
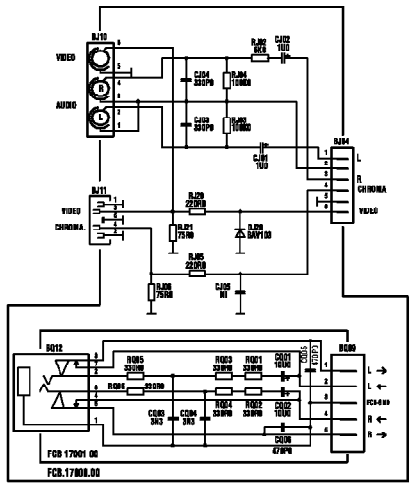
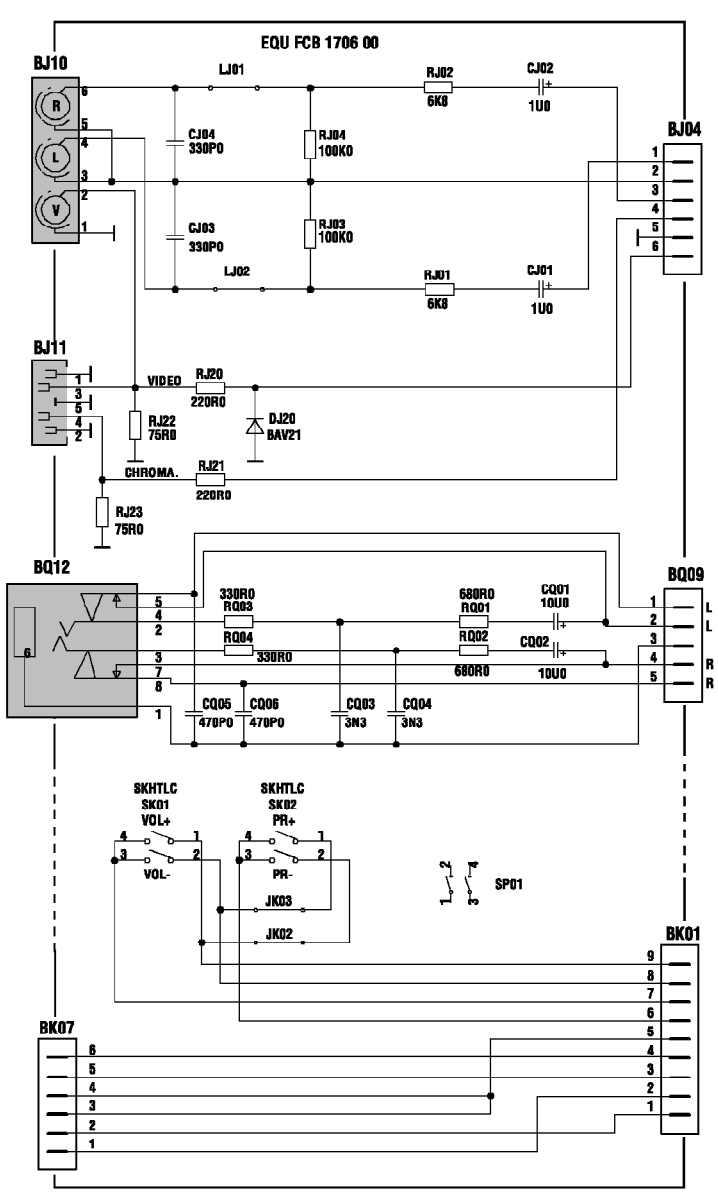
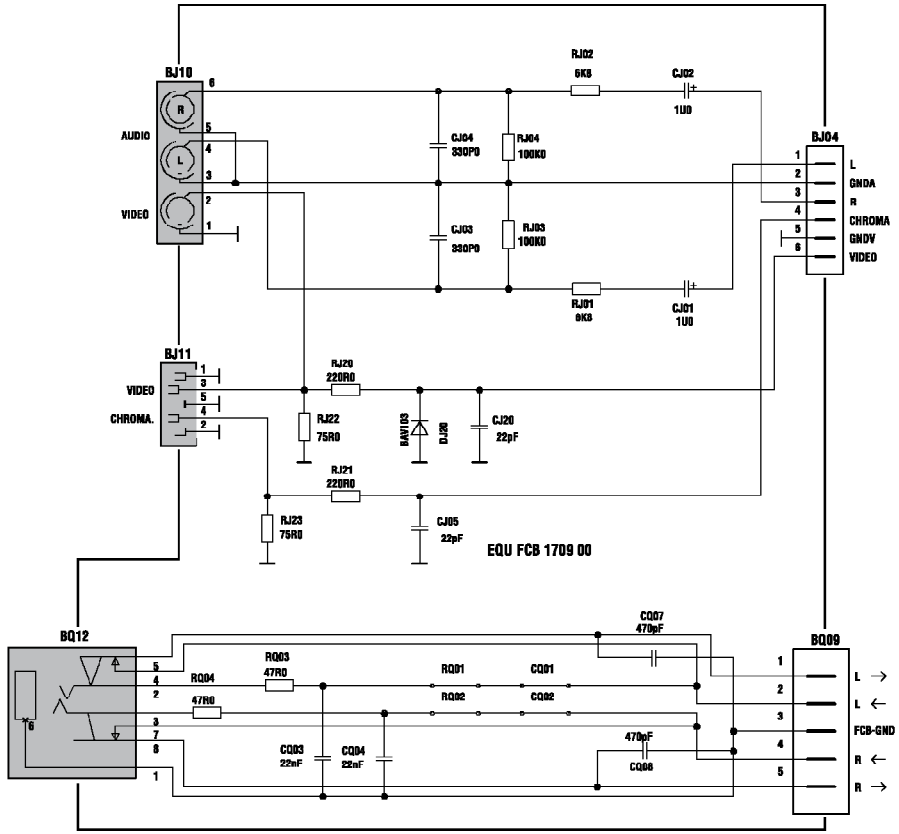
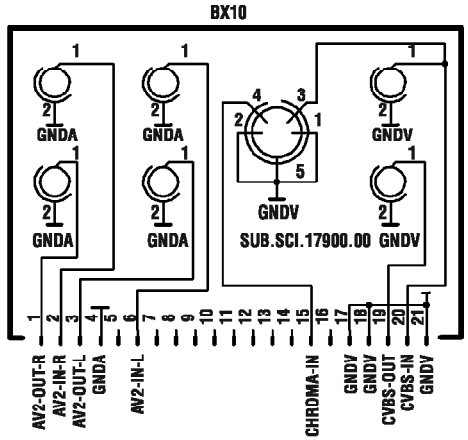
RQ06
RQ02
CQ05
470P0
CQ06
CQ03
3N3
CQ04

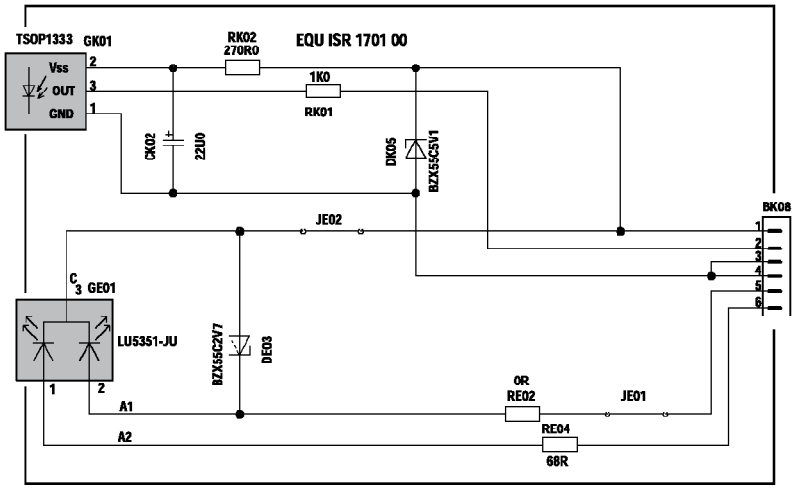

470P0
CQ06
BQ12
RQ03
330R0
RQ01
680R0
RQ04
330R0
RQ02
680R0
CQ02
10U0
CQ05
470P0
CQ03
3N3
CQ01
10U0
CQ04
3N3
BQ09
EQU FCB 1708 00
BK01
VOL+
PR-
VOL-
SK01
PR+
SK02
BK07

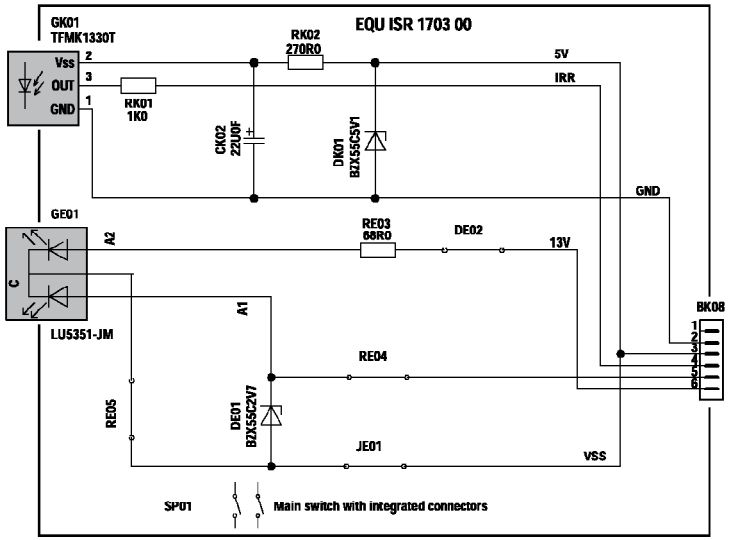


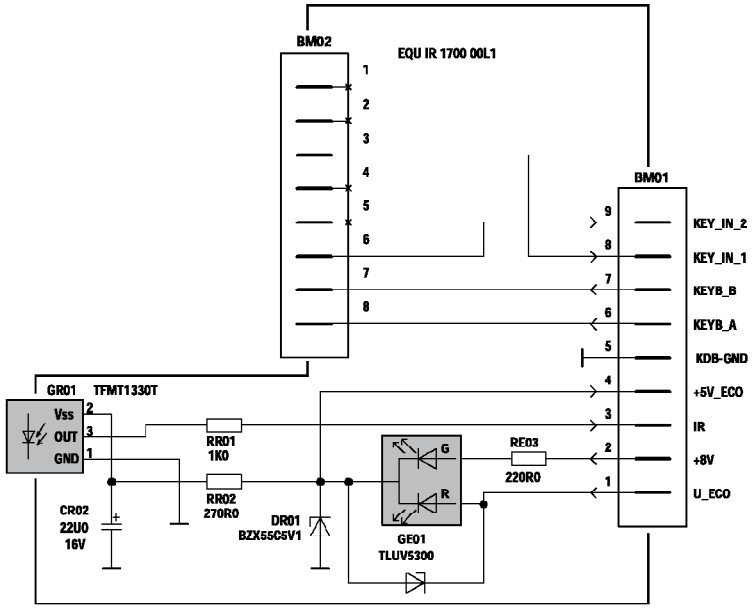

EQU FCB 1706 00
BJ10
LJ01
RJ02
6K8
CJ02
1U0
CJ04
330P0
RJ04
100K0
CJ03
330P0
RJ03
100K0
LJ02
RJ01
6K8
CJ01
1U0
BJ04
BJ11
VIDEO
RJ20
220R0
RJ22
75R0
DJ20
BAV21
CHROMA.
RJ21
220R0
RJ23
75R0
BQ12
330R0
RQ03
RQ04
330R0
680R0
RQ01
RQ02
680R0
CQ01
10U0
CQ02
10U0
CQ05
470P0
CQ06
470P0
CQ03
3N3
CQ04
3N3
BQ09
L
L
R
R
SKHTLC
SK01
VOL+
VOL-
SKHTLC
SK02
PR+
PR-
JK03
JK02
SP01
BK01
BK07


BJ10
AUDIO
VIDEO
RJ02
6K8
CJ02
1U0
CJ04
330P0
RJ04
100K0
CJ03
330P0
RJ03
100K0
RJ01
6K8
CJ01
1U0
BJ04
L
GNDA
R
CHROMA
GNDV
VIDEO
BJ11
VIDEO
CHROMA.
RJ20
220R0
RJ22
75R0
BAV103
DJ20
CJ20
22pF
RJ21
220R0
RJ23
75R0
CJ05
22pF
EQU FCB 1709 00
BQ12
CQ07
470pF
RQ03
47R0
RQ04
47R0
RQ01
RQ02
CQ01
CQ02
CQ03
22nF
CQ04
22nF
470pF
CQ08
BQ09
L
L
FCB-GND
R
R

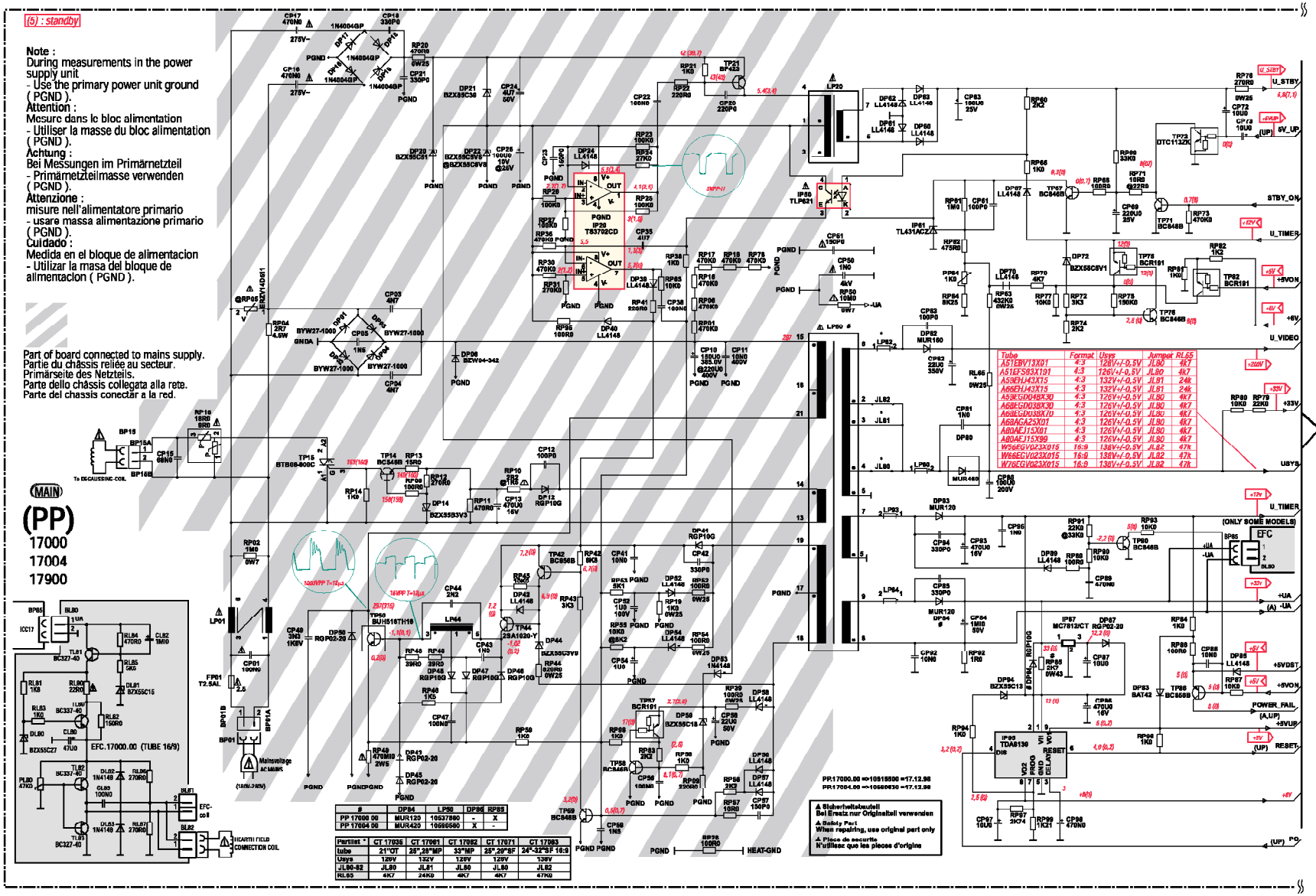

BX10
GNDA
GNDA
GNDA
GNDA
GNDV
GNDV
GNDV
SUB.SCI.17900.00
AV2-OUT-R
AV2-IN-R
AV2-OUT-L
GNDA
AV2-IN-L
CHRDMA-IN
GNDV
GNDV
CVBS-OUT
CVBS-IN
GNDV


TSOP1333 GK01
Vss
OUT
GND
RK02
270R0
EQU ISR 1701 00
1K0
RK01
CK02
22U0
DK05
BZX55C5V1
JE02
BK08
GE01
LU5351-JU
BZX55C2V7
DE03
A1
A2
0R
RE02
JE01
RE04
68R

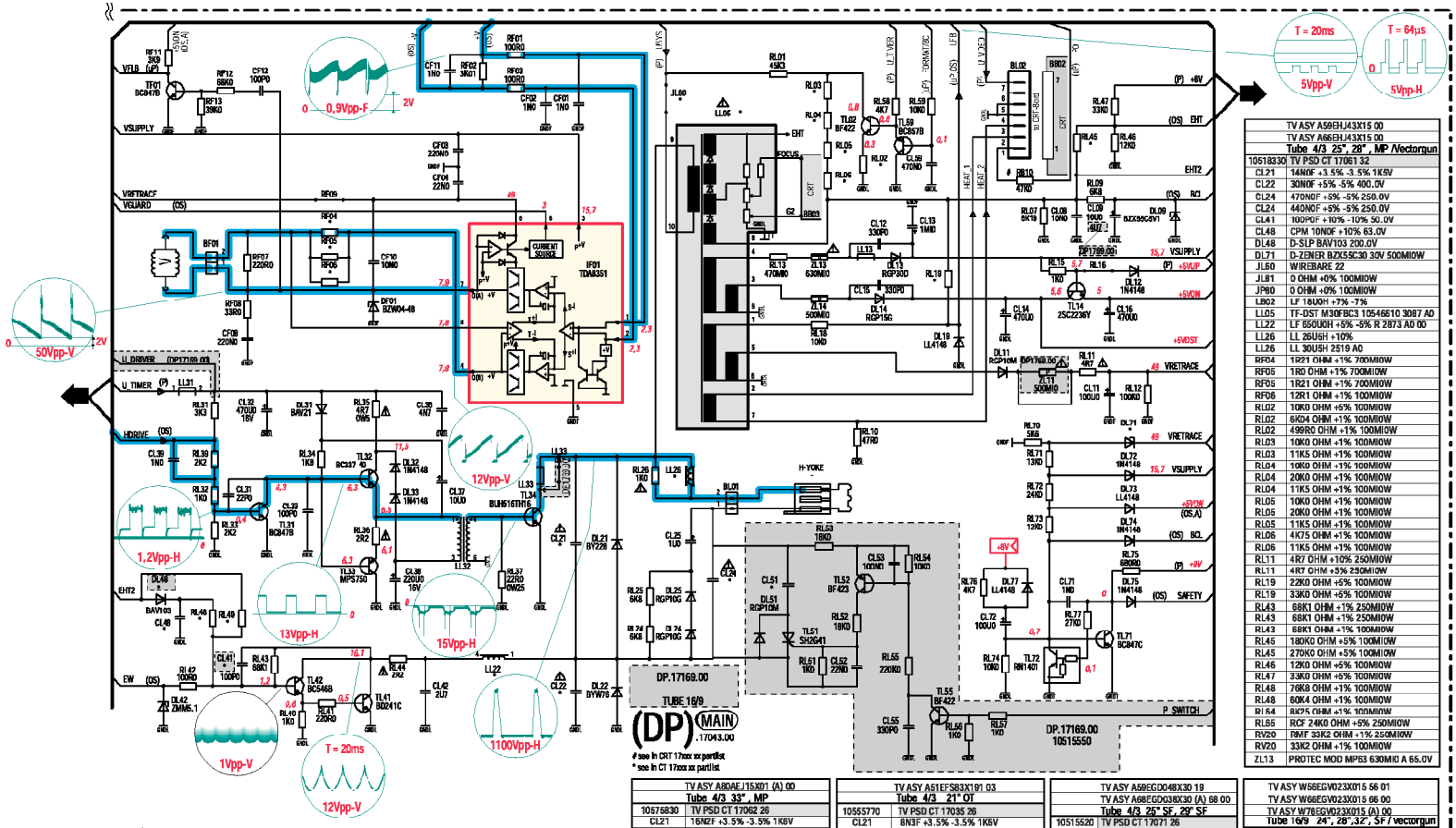

GK01
TFMK1330T
EQU ISR 1703 00
RK02
270R0
5V
IRR
RK01
1K0
CK02
22U0F
DK01
BZX55C5V1
GND
GE01
RE03
66R0
DE02
13V
A2
A1
LU5351-JM
BK08
RE04
RE05
DE01
BZX55C2V7
JE01
VSS
SP01
Main switch with integrated connectors


BM02
EQU IR 1700 00L1
BM01
KEY_IN_2
KEY_IN_1
KEYB_B
KEYB_A
KDB-GND
+5V_ECO
IR
+8V
U_ECO
GR01
TFMT1330T
Vss
OUT
GND
RR01
1K0
RR02
270R0
RE03
220R0
CR02
22U0
16V
DR01
BZX55C5V1
GE01
TLUV5300
G
R

## POWER SUPPLY - ALIMENTATION - NETZTEIL - ALIMENTAZIONE - ALIMENTACIÓN



## SCANNING - BALAYAGE - ABLENKUNG - BARRIDO - SCANSIONE




| TV ASY A59EHJ43X15 00<br>TV ASY A66EHJ43X15 00<br>Tube 4/3 25", 28" , MP /Vectorgun | |
|---|---|
| 10518330 | TV PSD CT 17061 32 |
| CL21 | 14N0F +3.5% -3.5% 1K6V |
| CL22 | 30N0F +5% -5% 400.0V |
| CL24 | 470N0F +5% -5% 250.0V |
| CL24 | 440N0F +5% -5% 250.0V |
| CL41 | 100P0F +10% -10% 50.0V |
| CL48 | CPM 10N0F +10% 63.0V |
| DL48 | D-SLP BAV103 200.0V |
| DL71 | D-ZENER BZX55C30 30V 500MI0W |
| JL60 | WIREBARE 22 |
| JL81 | 0 OHM +0% 100MI0W |
| JP80 | 0 OHM +0% 100MI0W |
| LB02 | LF 18U0H +7% -7% |
| LL05 | TF-DST M30FBC3 10546610 3087 A0 |
| LL22 | LF 650U0H +5% -5% R 2873 A0 00 |
| LL26 | LL 26U5H +10% |
| LL26 | LL 30U5H 2519 A0 |
| RF04 | 1821 OHM +1% 700MI0W |
| RF05 | 1R0 OHM +1% 700MI0W |
| RF05 | 1R21 OHM +1% 700MI0W |
| RF06 | 12R1 OHM +1% 100MI0W |
| RL02 | 10K0 OHM +5% 100MI0W |
| RL02 | 6KD4 OHM +1% 100MI0W |
| RL02 | 499R0 OHM +1% 100MI0W |
| RL03 | 10K0 OHM +1% 100MI0W |
| RL03 | 11K5 OHM +1% 100MI0W |
| RL04 | 10K0 OHM +1% 100MI0W |
| RL04 | 20K0 OHM +1% 100MI0W |
| RL04 | 11K5 OHM +1% 100MI0W |
| RL05 | 10K0 OHM +1% 100MI0W |
| RL05 | 20K0 OHM +1% 100MI0W |
| RL05 | 11K5 OHM +1% 100MI0W |
| RL06 | 11K5 OHM +1% 100MI0W |
| RL11 | 4R7 OHM +10% 250MI0W |
| RL11 | 4R7 OHM +5% 250MI0W |
| RL19 | 22K0 OHM +5% 100MI0W |
| RL19 | 33K0 OHM +5% 100MI0W |
| RL43 | 68K1 OHM +1% 250MI0W |
| RL43 | 68K1 OHM +1% 250MI0W |
| RL43 | 68K1 OHM +1% 100MI0W |
| RL45 | 180K0 OHM +5% 100MI0W |
| RL45 | 270K0 OHM +5% 100MI0W |
| RL46 | 12K0 OHM +5% 100MI0W |
| RL47 | 33K0 OHM +5% 100MI0W |
| RL48 | 76K8 OHM +1% 100MI0W |
| RL48 | 60K4 OHM +1% 100MI0W |
| RL54 | 8K25 OHM +1% 100MI0W |
| RL55 | RCF 24K0 OHM +5% 250MI0W |
| RV20 | TRMF 33K2 OHM +1% 250MI0W |
| RV20 | 33K2 OHM +1% 100MI0W |
| ZL13 | PROTEC MOD MP63 630MI0 A 65.0V |

| TV ASY A80AEJ15X01 (A) 00<br>Tube 4/3 33" , MP | |
|---|---|
| 10578830 | TV PSD CT 17062 26 |
| CL21 | 16N2F +3.5% -3.5% 1K6V |
| CL22 | 30N0F +5% -5% 400.0V |
| CL24 | 560N0F +5% -5% 250.0V |
| CL41 | 100P0F +10% -10% 50.0V |
| CL48 | 10N0F +10% 63.0V |
| DL48 | D-SLP BAV103 200.0V |
| DL71 | D-ZENER BZX55C30 30V 500MI0W |
| JL60 | WIREBARE 22 |
| JL80 | 0 OHM +0% 100MI0W |
| LB02 | LF 32U0H +4% -4% |
| LL05 | TF-DST TDS29 TBD 11 |
| LL22 | LF 650U0H +5% -5% R 2873 A0 00 |
| LL26 | LL 26U5H +10% |
| RF05 | 1R21 OHM +1% 700MI0W |
| RF06 | 10R0 OHM +1% 100MI0W |
| RL02 | 6K04 OHM +1% 100MI0W |
| RL03 | 4K75 OHM +1% 100MI0W |
| RL04 | 4K75 OHM +1% 100MI0W |
| RL05 | 4K75 OHM +1% 100MI0W |
| RL06 | 6K81 OHM +1% 100MI0W |
| RL19 | 13K0 OHM +5% 100MI0W |
| RL45 | 150K0 OHM +5% 100MI0W |
| RL48 | 76K8 OHM +1% 100MI0W |
| RL49 | 560K0 OHM +5% 100MI0W |
| RL65 | RCF 4K7 OHM +5% 250MI0W |
| RV20 | RMF 23K7 OHM +1% 250MI0W |

| TV ASY A51EFSR33X191 03<br>Tube 4/3 21" OT | |
|---|---|
| 10555770 | TV PSD CT 17035 26 |
| CL21 | 8N3F +3.5% -3.5% 1K6V |
| CL22 | 33N0F +5% -5% 1K0V |
| CL24 | 440N0F +5% -5% 250.0V |
| CL41 | 1N0F +10% -10% 50.0V |
| DL71 | D-ZENER BZX55C24 24V 500MI0W |
| JL60 | WIREBARE 22 |
| JL80 | 0 OHM +0% 100MI0W |
| LB02 | LF 18U0H +7% -7% |
| LL05 | TF-DST M30FBC3 10555640 3087 A0 |
| LL22 | LF 650U0H +5% -5% R 2873 A0 00 |
| LL26 | LL 85U0H 2519 A0 |
| RF05 | 1R5 OHM +1% 700MI0W |
| RF06 | 10R0 OHM +1% 100MI0W |
| RL02 | 6K04 OHM +1% 100MI0W |
| RL03 | 10K0 OHM +1% 100MI0W |
| RL04 | 10K0 OHM +1% 100MI0W |
| RL05 | 10K0 OHM +1% 100MI0W |
| RL06 | 3K32 OHM +1% 100MI0W |
| RL45 | 110K0 OHM +5% 100MI0W |
| RL49 | 60K4 OHM +1% 100MI0W |
| RL65 | 4K7 OHM +5% 250MI0W |
| RV20 | 23K7 OHM +1% 250MI0W |

| TV ASY A58EGD048X30 19<br>TV ASY A68EGD038X30 (A) 68 00<br>Tube 4/3 29" SF, 29" SF | |
|---|---|
| 10515520 | TV PSD CT 17071 26 |
| CL21 | 18N2F +3.5% -3.5% 1K6V |
| CL22 | 30N0F +5% -5% 400.0V |
| CL24 | 510N0F +5% -5% 250.0V |
| CL41 | 100P0F +10% -10% 50.0V |
| CL48 | 10N0F +10% 63.0V |
| DL48 | D-SLP BAV103 200.0V |
| DL71 | D-ZENER BZX55C30 30V 500MI0W |
| JL60 | WIREBARE 22 |
| JL80 | 0 OHM +0% 100MI0W |
| LB02 | LF 32U0H +4% -4% |
| LL05 | TF-DST TDS29 TBD 13 |
| LL22 | LF 650U0H +5% -5% |
| LL26 | LL 26U5H +10% |
| RF05 | 1R21 OHM +1% 700MI0W |
| RL02 | 6K8 OHM +5% 100MI0W |
| RL03 | 4K75 OHM +1% 100MI0W |
| RL04 | 4K75 OHM +1% 100MI0W |
| RL05 | 4K75 OHM +1% 100MI0W |
| RL06 | 4K75 OHM +1% 100MI0W |
| RL19 | 15K0 OHM +5% 100MI0W |
| RL45 | 180K0 OHM +5% 100MI0W |
| RL48 | 100K0 OHM +5% 100MI0W |
| RL49 | 300K0 OHM +5% 100MI0W |
| RL65 | 4K7 OHM +5% 250MI0W |
| RV20 | 33K2 OHM +1% 250MI0W |

| TV ASY W66EGV023X015 56 01<br>TV ASY W66EGV023X015 66 00<br>TV ASY W76EGV023X015 (A) 00<br>Tube 16/9 24", 28",32", SF / Vectorgun | |
|---|---|
| 10515530 | TV PSD CT 17083 38 |
| CL21 | 15N5F +3.5% -3.5% 1K6V |
| CL22 | 27N0F +5% -5% 400.0V |
| CL24 | 440N0F +5% -5% 250.0V |
| CL41 | 100P0F +10% -10% 50.0V |
| CL48 | 100N0F +5% 63.0V |
| CL51 | 290N0F +5% -5% 250.0V |
| DL48 | D-SLP BAV103 200.0V |
| DL71 | D-ZENER BZX55C24 24V 500MI0W |
| JL60 | WIREBARE 22 |
| JL82 | 0 OHM +0% 100MI0W |
| LB02 | LF 32U0H +4% -4% |
| LL05 | TF-DST TDS29 15314460 10 |
| LL22 | LF 650U0H +5% -5% |
| LL26 | LL 30U5H 2519 A0 |
| RF05 | 1R21 OHM +1% 700MI0W |
| RL02 | 4K99 OHM +1% 100MI0W |
| RL03 | 6K49 OHM +1% 100MI0W |
| RL04 | 6K49 OHM +1% 100MI0W |
| RL05 | 6K49 OHM +1% 100MI0W |
| RL06 | 2K37 OHM +1% 100MI0W |
| RL19 | 13K0 OHM +5% 100MI0W |
| RL45 | 390K0 OHM +5% 100MI0W |
| RL48 | 220K0 OHM +5% 100MI0W |
| RL49 | 180K0 OHM +5% 100MI0W |
| RL65 | 47K0 OHM +5% 250MI0W |
| RV20 | 100K0 OHM +1% 250MI0W |

⚠ Indicates critical safety components, and identical components should be used for replacement. Only then can the operational safety be garanteed.

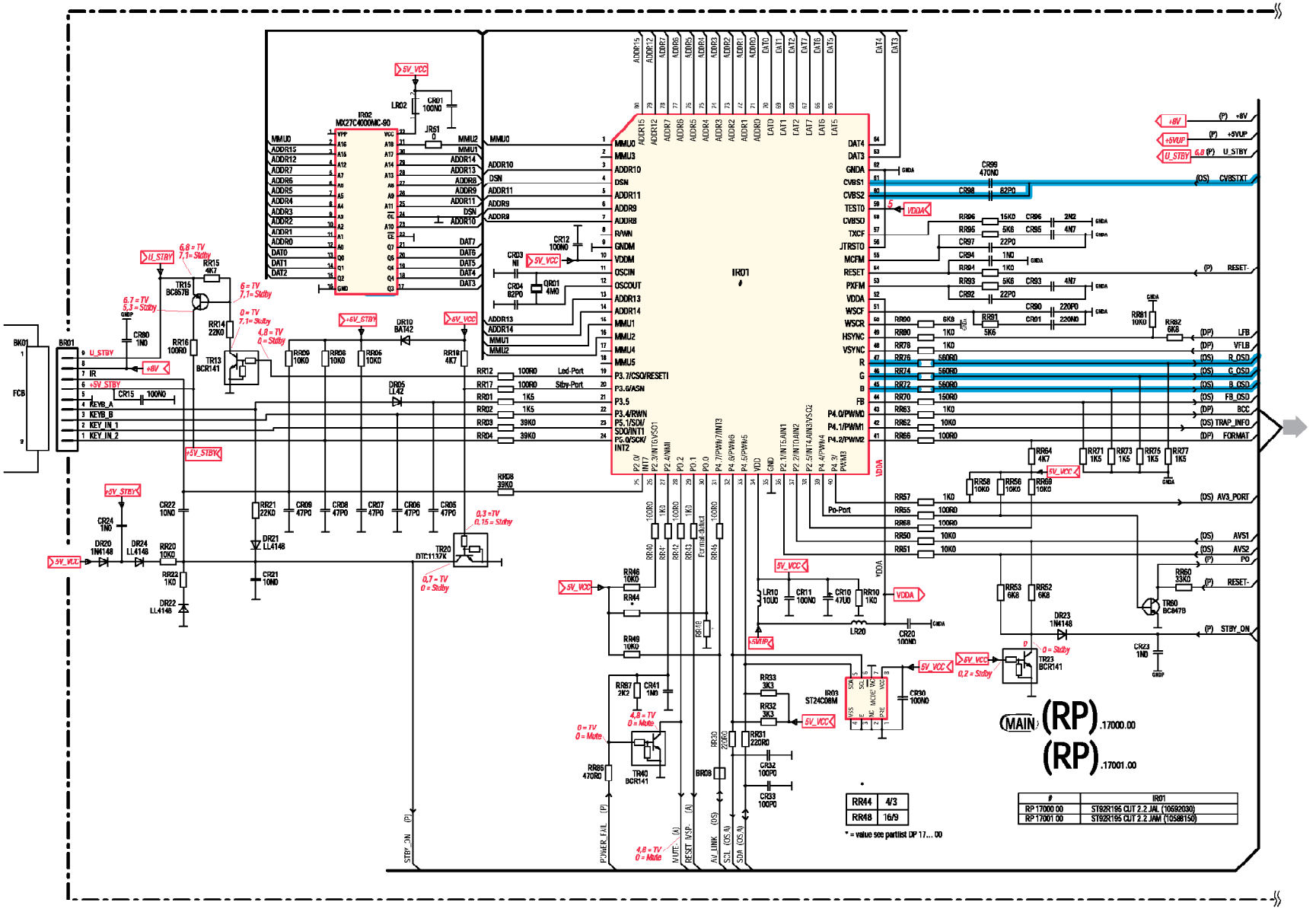
Le remplacement des éléments de sécurité (repérés avec le symbole ⚠ ) par des composants non homologués selon la Norme CEI 65 entraine la non-conformité de l'appareil.
Dans ce cas, la responsabilité du fabricant n'est plus engagée.

Wenn Sicherheitsteile (mit dem Symbol ⚠ gekennzeichnet) durch nicht normgerechte Teile ersetzt werden, erlischt die Haftung des Herstellers.

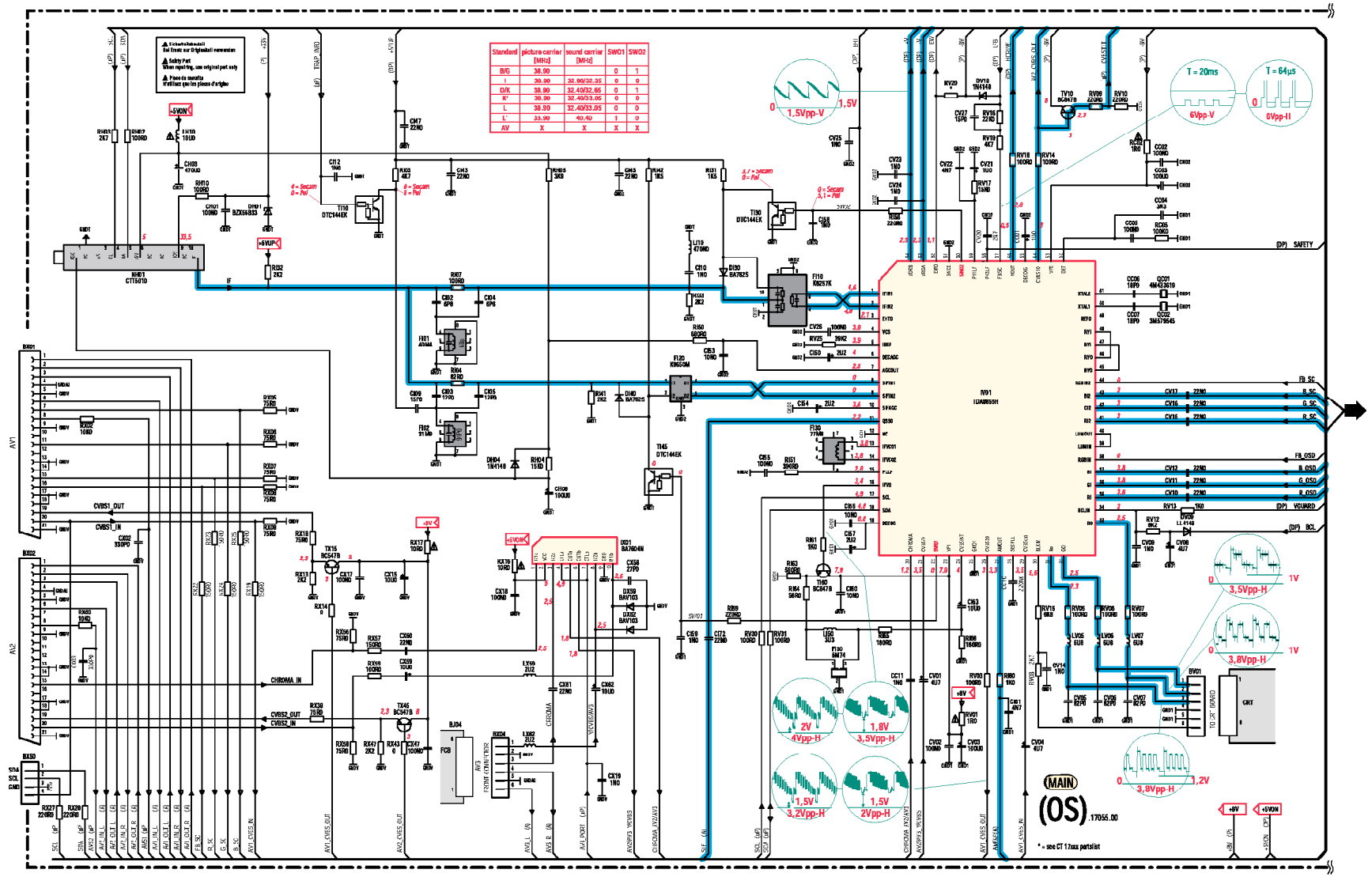
La sostituzione degli elementi di sicurezza (contrassegnati con il segno ⚠ ) con componenti non omologati secondo la norma CEI 65 comporta la non conformitá dell'apparecchio.
In tal caso é "esclusa la responsabilità" del costruttore.

La subtitución de elementos de seguridad (marcados con el simbolo ⚠ ) por componentes no homologados según la norma CEI 65, provoca la no conformidad del aparato.
En ese caso, el fabricante cesa de ser responsable.

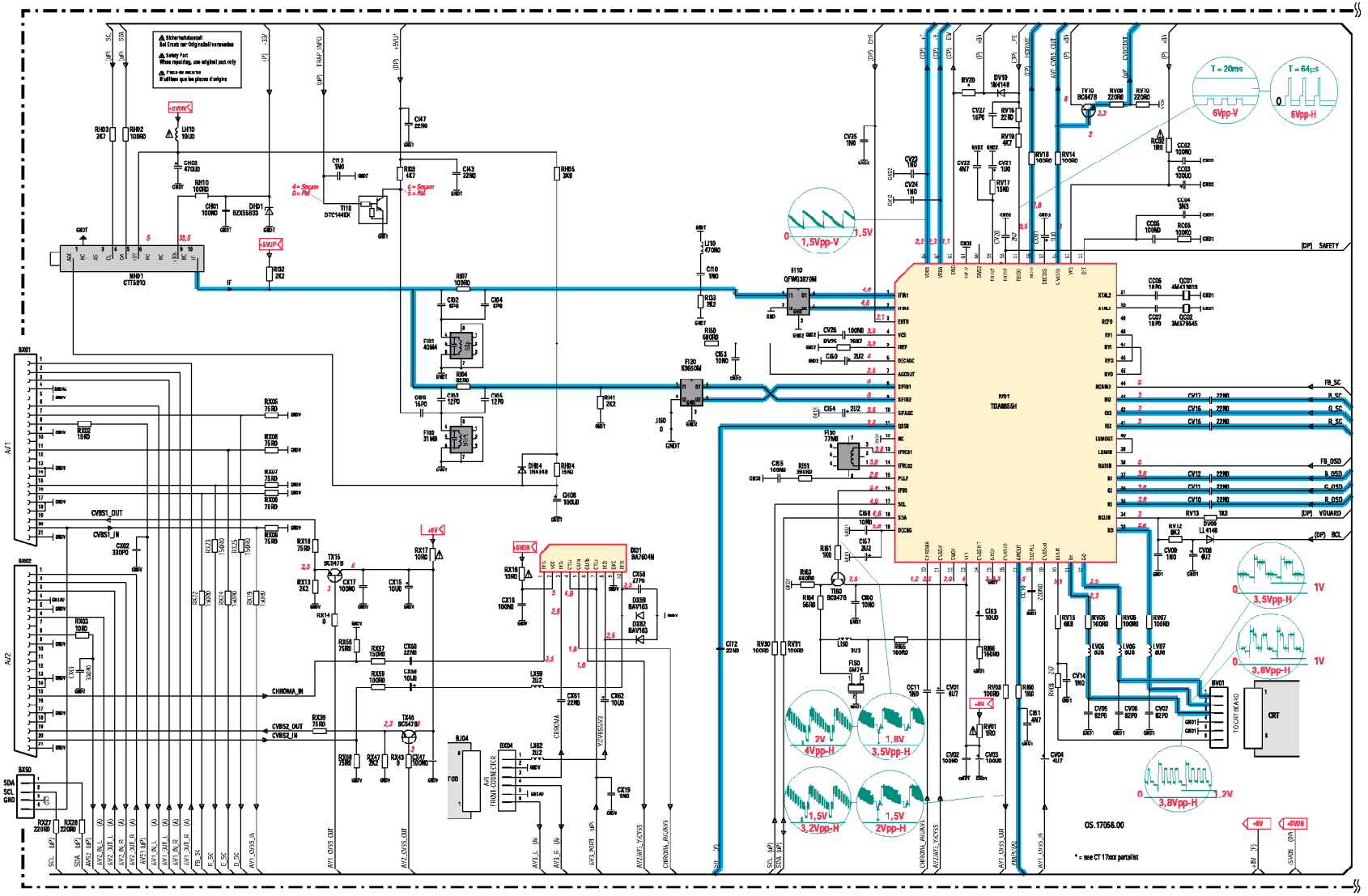
## CONTROL MICROPROCESSOR - MICROPROCESSEUR DE COMMANDE - MIKROPROZESSOR - MICROPROCESSORE DEI COMANDI - MICROPROCESADOR DE LOS MANDOS



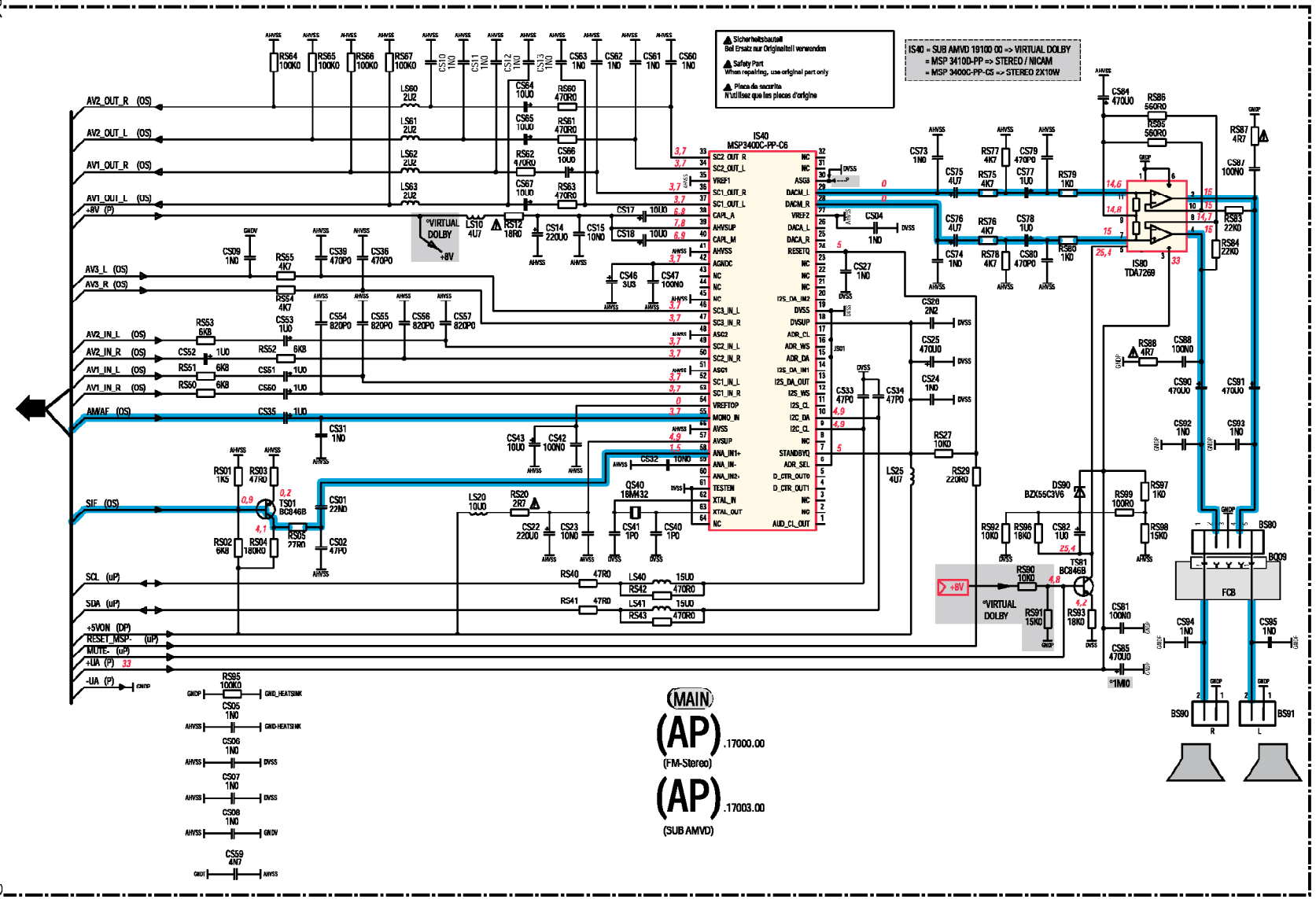
**RF/FI/ SCART INTERFACE/VIDEO SIGNAL PROCESSING -HF/FI INTERFACE PERITELEVISION/TRAITEMENT LUMINANCE CHROMINANCE - HF/ZF/ SCART INTERFACE/VIDEO SIGNALVERARBEITUNG - RF/FI /PRESA PERITEL/ELABORAZIONE VIDEO - RF/FI /EUROCONECTOR / TRATAMENTO VIDEO**



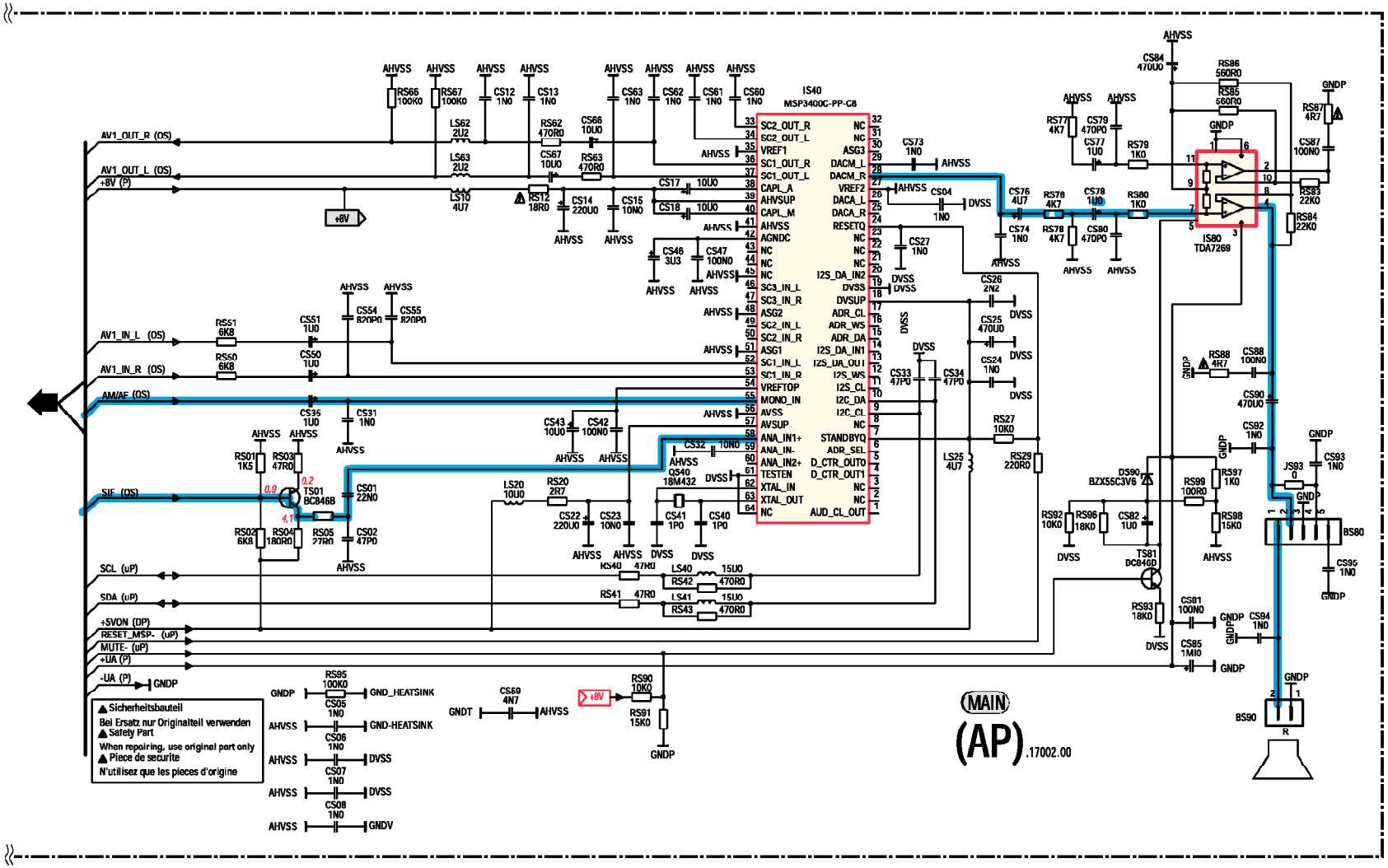
**RF/FI/ SCART INTERFACE/VIDEO SIGNAL PROCESSING -HF/FI INTERFACE PERITELEVISION/TRAITEMENT LUMINANCE CHROMINANCE - HF/ZF/ SCART INTERFACE/VIDEO SIGNALVERARBEITUNG - RF/FI /PRESA PERITEL/ELABORAZIONE VIDEO - RF/FI /EUROCONECTOR/TRATAMENTO VIDEO**



**AMPLIFIER SCHEMATIC DIAGRAM - SCHEMA DE L'AMPLIFICATEUR - SCHALTBILD AUDIO-SIGNALVERABEITUNG - SCHEMA DELL' AMPLIFICATORE**
**ESQUEMA DEL AMPLIFICADOR**
**(STEREO)**



**AMPLIFIER SCHEMATIC DIAGRAM - SCHEMA DE L'AMPLIFICATEUR - SCHALTBILD AUDIO-SIGNALVERABEITUNG - SCHEMA DELL' AMPLIFICATORE - ESQUEMA DEL AMPLIFICADOR**
**(MONO)**



THOMSON MULTI MEDIA

TV

Brandt FERGUSON SABA TELEFUNKEN THOMSON

PARTS LIST
LISTE PIECES DETACHEES
ERSATZTEILLISTE
LISTA PARTI DI RICAMBIO
LISTA DE PIEZAS DE REPUESTO

# SABA
# M8522C
# Chassis ICC17

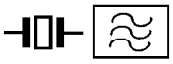
## MODULES

| | | |
|---|---|---|
| **MAIN** | **IC17F6H3015032** | |
| **FCB** | **FCB1701** | **R 25313060** |
| **KDB** | **KDB1706** | **R 25388640** |

| | | |
|---|---|---|
| **GK**01 | TSOP1333 | 25358570 |
| **IB**01 | TDA6107Q | 10533940 |
| **IF**01 | TDA8351 | 20753830 |
| **IP**20 | TS3702CD FLAT | 10537330 |
| **IP**50 | TLP621 GR(D4-LF2 T) | ⚠ 20827900 |
| **IP**61 | TL431ACZ | 10538830 |
| **IP**87 | MC7812/CT | 46007600 |
| **IP**95 | TDA8139 | 10044580 |
| **IR**01 | ST92R195 CUT2.2 JAL FLAT | 10592030 |
| **IR**02 | OTP C17 V3.00-0 EU | 25414350 |
| **IR**03 | M24C16MN6 FLAT | 25348520 |
| **IS**40 | MSP3400C-PP-C8 | 10596250 |
| **IS**80 | TDA7269 | 10348790 |
| **IV**01 | TDA8855H FLAT | 10533960 |
| **IX**01 | BA7604N | 10539590 |
| **ZL**11 | MP25 | ⚠ 10500150 |
| **ZL**13 | MP63 | ⚠ 10472270 |
| **ZL**14 | MP125 | ⚠ 10469180 |

| | | |
|---|---|---|
| **TB**01,**TP**21 | BF423 | 16003110 |
| **TB**02,**TL**02 | BF422 | 16003090 |
| **TF**01,**TI**60, **TL**31,**TP**58,59, 67,71,76,90, **TR**60,**TS**01,81, **TV**10 | BC847B SMD | 16007070 |
| **TI**10 | DTC144EK SMD | 16007030 |
| **TL**14 | 2SC2236Y | 16000220 |
| **TL**32 | BC337-40 | 45001466 |
| **TL**33 | MPS750 | 16001340 |
| **TL**34,**TP**50 | BUH516TH16 | 10401110 |
| **TL**41 | BD241C | 16001880 |
| **TL**42 | BC546B | 45001866 |
| **TL**59,**TP**42,86, **TR**15 | BC857B SMD | 30946660 |
| **TL**71 | BC847C SMD | 90618810 |
| **TL**72 | RN1401 SMD | 10966100 |
| **TP**14,**TX**15,45 | BC547B | 16000890 |
| **TP**15 | BTB06-600C | 10259910 |
| **TP**44 | 2SA1020Y | 16003140 |
| **TP**57,75,82 | BCR191 SMD | 16006910 |
| **TP**72,**TR**20 | DTC113ZK SMD | 10550750 |
| **TR**13,23,40 | BCR141 SMD | 16006890 |

| | | |
|---|---|---|
| **DB**04,**DP**16,17, 18,19 | 1N4004 | 44009009 |
| **DB**05 | 1.5KE250A | 25353360 |
| **DB**30,31,50,51, 70,71,**DJ**20, **DL**31 | BAV21 | 44044407 |
| **DE**01 | BZX55C2V7 | 80444120 |
| **DF**01 | BZW04-48 | 10351880 |
| **DH**01 | BZX55B33 | 80442730 |
| **DH**04,**DL**12,32, 33,72,74,75, **DP**53,**DR**20,23, **DV**19 | 1N4148 | 44009209 |
| **DK**01,**DL**09, **DP**77 | BZX55C5V1/ZPD5V1 | 80444140 |
| **DL**11,24,25,41, **DP**12,41,46,47, 48 | RGP10G | 10459090 |
| **DL**13 | RGP30D | 10455370 |
| **DL**14 | RGP15G | 10272800 |
| **DL**19,73,77, **DP**24,40,42,52, 54,56,57,58, 60,61,62,63, 67,70,85,89, **DR**21,22,24, **DV**09 | LL4148 SMD | 16012450 |
| **DL**21 | BY228 | 16008370 |
| **DL**22 | BYW76 | 16009120 |
| **DL**42 | ZMM5,1 SMD | 70446740 |
| **DL**48,**DX**59 | BAV103 SMD | 10155030 |
| **DL**71 | ZPD24 | 44016504 |
| **DP**01,02,03,04 | BYW27-1000 | 10455390 |
| **DP**06 | BZW04-342 | 25354340 |
| **DP**14 | BZX55C3V3 | 30948790 |
| **DP**20 | ZPD51/BZX55C51/BZX79C51 | 90578110 |
| **DP**21 | BZX85C39 | 80444000 |
| **DP**22 | BZX55B5V6/ZPD5V6 2% | 70438200 |
| **DP**43,45,50,87 | RGP02-20 | 10472330 |
| **DP**44 | BZX55C3V9 | 80444130 |
| **DP**59 | BZX55C18 | 11073680 |
| **DP**80 | MUR460 | 16009650 |
| **DP**82 | FUF4005/MUR160 | 16009580 |
| **DP**83 | BAT42 | 16007410 |
| **DP**84,93 | MUR120 | 10564670 |
| **DP**94 | BZX55C13 | 70438310 |
| **DR**05 | LL42 SMD | 16012530 |
| **DS**90 | BZX55C3V6 | 50890640 |
| **GE**01 | TLUV5300 LED | 11137650 |



| | | |
|---|---|---|
| **FI**10 | OFWG3970M FOS | 10512420 |
| **FI**20 | OFWK9354M FOS | 10354110 |
| **FI**50 | 5M74HZ | 20338170 |
| **QC**01 | 4M433619HZ | 10087710 |
| **QC**02 | 3M579545IIZ | 10542190 |
| **QR**01 | 4M0HZ | 10254300 |
| **QS**40 | 18M432H7 | 10334670 |

| | | |
|---|---|---|
| **FI**01 | 40M4HZ | 20300950 |
| **FI**02 | 31M9HZ | 10552630 |
| **FI**30 | 77M8HZ | 10559760 |
| **LL**22 | | 10636390 |

| | | |
|---|---|---|
| **PP**64 | 1K0 OHM | 70434550 |

R : RECYCLED PART
: PIECE RECYCLEE
: AUSTAUSCHTEILE
: RICAMBIO RICICLATO
: MODULO REPROCESADO

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| | | | |
|---|---|---|---|
| **RB**01,04 | 1K5 OHM 5% 0,50W | | 10121880 |
| **RB**06 | 220R0 OHM 5% 0,25W | ⚠ | 15009810 |
| **RB**13 | 10R0 OHM 10% 0,50W | | 15000160 |
| **RB**31,51,71 | 560R0 OHM 10% 0,50W | | 10257590 |
| **RC**02 | 1R0 OHM 5% 0,40W | ⚠ | 13060910 |
| **RF**05 | 1R0 OHM 1% 0,70W | | 10254220 |
| **RF**07 | 220R0 OHM 1% 0,70W | | 10233720 |
| **RL**01 | 45K3 OHM 1% 0,25W | | 15018160 |
| **RL**07 | 6K19 OHM 1% 0,40W | | 15020490 |
| **RL**13 | 0R47 OHM 5% 2,5W | | 10537750 |
| **RL**26 | 1K0 OHM 10% 0,50W | | 10393870 |
| **RL**35 | 4R7 OHM 5% 0,35W | ⚠ | 10226310 |
| **RL**36,**RP**10 | 2R2 OHM 5% 0,25W | ⚠ | 15009870 |
| **RL**43 | 68K1 OHM 1% 0,70W | | 10147740 |
| **RL**44 | 1R0 OHM 5% 0,50W | ⚠ | 10576360 |
| **RP**04 | 2R7 OHM 5% 4,50W | | 10379110 |
| **RP**15 | 18R0 OHM 220V PTC | ⚠ | 41398800 |
| **RP**49 | 0R47 OHM 5% 2,5W | ⚠ | 25339900 |
| **RP**50 | 10M0 OHM 5% 0,70W | ⚠ | 10074320 |
| **RP**63 | 432K0 OHM 1% 0,13W | | 10354720 |
| **RS**12 | 18R0 OHM 5% 0,30W | ⚠ | 15009660 |
| **RS**87,88 | 4R7 OHM 5% 0,25W | ⚠ | 35032200 |
| **RV**20 | 33K2 OHM 1% 0,25W | | 15016530 |
| **RX**17 | 10R0 OHM 5% 0,25W | ⚠ | 15009580 |

| | | | |
|---|---|---|---|
| **CB**01 | 10N0F 3K0V | | 14036450 |
| **CB**04 | 47N0F 5% 400V | | 25349330 |
| **CL**08 | 10N0F 5% 400V | | 14035870 |
| **CL**12,15,**CP**18, 21,42,85,94 | 330P0F 20% 1K0V | | 14035270 |
| **CL**21 | 16N5F 3,5% 2K0V | ⚠ | 10580750 |
| **CL**22 | 30N0F 5% 1K0V | ⚠ | 10576730 |
| **CL**24 | 560N0F 5% 250V | ⚠ | 10540120 |
| **CL**48 | 10N0F 10% 100V | | 70427750 |
| **CP**01 | 100N0F 20% 275V | ⚠ | 10331520 |
| **CP**03,04 | 4N7F 1K0V | | 10058740 |
| **CP**05 | 1N5F 10% 1K0V | | 20338740 |
| **CP**10 | 150U0F 385V | | 43424800 |
| **CP**11 | 10N0F 10% 400V | | 15001080 |
| **CP**16,17 | 470N0F 20% 275V | ⚠ | 10596570 |
| **CP**20 | 220P0F 10% 400V | | 14033000 |
| **CP**49 | 3N3F 20% 1K6V | | 10607950 |
| **CP**50 | 1N0F 20% 400V | ⚠ | 43106800 |
| **CP**51 | 150P0F 20% 400V | ⚠ | 20738090 |
| **CP**81 | 1N0F 10% 500V | | 10546570 |
| **CP**83 | 100P0F 20% 1K0V | | 14035280 |

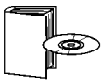
| | | | |
|---|---|---|---|
| **LL**05 | DSTTDS29 | ⚠ | 10516050 |
| **LL**26 | 22U0H | ⚠ | 10601650 |
| **LL**32 | DRIVER | | 10518110 |
| **LP**01 | | ⚠ | 10261530 |
| **LP**20 | DRIVER | ⚠ | 10554410 |
| **LP**44 | DRIVER | | 10561800 |
| **LP**50 | SMT41 | ⚠ | 10537860 |

# OTHER PARTS
# AUTRES PIECES
# SONSTIGE TEILE
# ALTRE PARTI
# OTRAS PIEZAS

| | | | |
|---|---|---|---|
| **BB**05 | CATHODE RAY TUBE SOCKET<br>SUPPORT TUBE CATHODIQUE<br>BILDROEHRENFASSUNG<br>SUPPORTO TUBO CATODICO<br>SOPORTE T.R.C | ⚠ | 80298800 |
| **BJ**10 | CINCH SOCKET<br>PRISE CINCH<br>CINCH-BUCHSE<br>PRESA CINCH<br>TOMA CINCH | | 10037440 |
| **BJ**11 | SVHS SOCKET<br>PRISE SVHS<br>S VHS BUCHSE<br>PRESA SVHS<br>TOMA SVHS | | 20392900 |
| **BQ**12 | JACK SOCKET<br>PRISE JACK<br>BUCHSE<br>PRESA JACK<br>TOMA JACK | | 10539510 |
| **BX**01,02 | SCART SOCKET<br>PRISE PERITEL<br>EURO-AV-BUCHSE<br>EUROPRESA NORMALIZZATA<br>EUROCONECTOR | | 90617260 |
| **CH**200 | ON/OFF SWITCH<br>CONTACTEUR MARCHE/ARRET<br>EIN-AUS SCHALTER<br>CONTATTORE ACCESO/SPENTO<br>CONTACTOR MARCHA/PARADA | ⚠ | 10276500 |
| **FP**01 | 2A5T TIMF-LAG FUSF<br>2A5T FUSIBLE TEMPORISE<br>2A5T SICHERUNG<br>2A5T FUSIBILE TEMPORIZZATO<br>2A5T FUSIBLE TEMPORIZADO | ⚠ | 10246750 |
| **NH**01 | CTT5010 UHF/VHF TUNER R<br>CTT5010 TETE UHF/VHF<br>CTT5010 UHF/VHF TUNER<br>CTT5010 TUNER UHF/VHF<br>CTT5010 SINTONIZADOR UHF/VHF | | 20812280 |
| **SK**01,02,03,04 | MICROSWITCH<br>MICRO CONTACTEUR<br>MIKROSCHALTER<br>MICROINTERRUTTORE<br>MICROCONTACTOR | | 30011100 |

# EQUIPMENT/PRESENTATION
# EQUIPEMENT/PRESENTATION
# AUSSTATTUNG/GEHAEUSE
# PARTI VARIE
# EQUIPO/PRESENTACION

| | | |
|---|---|---|
| FRONT PANEL<br>FACADE<br>FRONTPLATTE<br>PANNELLO FRONTALE<br>PANEL FRONTAL | | 25330730 |
| REAR PANEL<br>DOS<br>RUECKWAND<br>PANNELLO POSTERIORE<br>TAPA POSTERIOR | ⚠ | 25317470 |
| LOGO SABA<br>LOGO SABA<br>SCHRIFTZUG SABA<br>MARCHIO SABA<br>LOGOTIPO SABA | | 25295070 |
| CHASSIS SUPPORT<br>SUPPORT CHASSIS<br>CHASSIS HALTER<br>SUPPORTO CHASSIS<br>SOPORTE CHASSIS | | 25296750 |
| 8R OHM 15W LOUDSPEAKER 60X125<br>8R OHM 15W HAUT PARLEUR 60X125<br>8R OHM 15W LAUTSPRECHER 60X125<br>8R OHM 15W ALTOPARLANTE 60X125<br>8R OHM 15W ALTAVOZ 60X125 | | 10467060 |
| ON/OFF BUTTON<br>TOUCHE MARCHE/ARRET<br>EIN-AUS TASTE<br>TASTO ACCESO/SPENTO<br>TECLA MARCHA/PARADA | | 25309090 |
| BUTTON ASSY<br>ENSEMBLE DE TOUCHES<br>TASTENEINHEIT<br>ASSIEME TASTI<br>CONJUNTO DE TECLAS | | 25312630 |
| POWER SUPPLY LEAD<br>CORDON D'ALIMENTATION<br>NETZKABEL<br>CAVO DI ALIMENTAZIONE<br>CABLE DE ALIMENTACION | ⚠ | 10260880 |
| A80AEJ15X01 CATHODE RAY TUBE<br>A80AEJ15X01 TUBE CATHODIQUE<br>A80AEJ15X01 FARBBILDROEHRE<br>A80AEJ15X01 TUBO CATODICO<br>A80AEJ15X01 T.R.C | ⚠ | 10575160 |
| DEGAUSSING COIL<br>BOBINE DE DEMAGNETISATION<br>ENTMAGNETISIERUNGSSPULE<br>BOBINA DI SMAGNETIZZAZIONE<br>BOBINA DE DESIMANTACION | ⚠ | 47320106 |
| TC100 REMOTE CONTROL<br>TC100 TELECOMMANDE<br>TC100 FERNBEDIENUNG<br>TC100 TELECOMANDO<br>TC100 TELEMANDO | | 20879570 |
| FOLDING BOX<br>EMBALLAGE CARTON<br>KARTON<br>IMBALLAGGIO CARTONE<br>EMBALAJE CARTON | | 25320420 |
| FITTING DOWNER<br>CALE INFERIEURE<br>POLSTER UNTEN<br>DISTANZIATORE INFERIORE<br>CAZO INFERIOR | | 25312520 |
| FITTING UPPER<br>CALE SUPERIEURE<br>POLSTER OBEN<br>DISTANZIATORE<br>CALZO SUPERIOR | | 25312500 |



| | |
|---|---|
| M8522C PARTS LIST<br>M8522C LISTE DE PIECES DETACHEES<br>M8522C ERSATZTEILLISTE<br>M8522C LISTA PARTI DI RICAMBIO<br>M8522C LISTA DE PIEZAS DE REPUESTO | 35083930 |
| ICC17 SERVICE MANUAL EUROPE<br>ICC17 DOC TECHNIQUE EUROPE<br>ICC17 TECHNISCHE DOKUMENTATION EUROPE<br>ICC17 DOCUMENTAZIONE TECNICA EUROPE<br>ICC17 DOCUMENTACION TECNICA EUROPE | 35063330 |
| M8522C UM TH D/F/I/E/GB/NL/S/DK/PL/ GR/CZ/I/H/SK/RU/P<br>M8522C NU TH D/F/I/E/GB/NL/S/DK/PL/ GR/CZ/I/H/SK/RU/P<br>M8522C BA TH D/F/I/E/GB/NL/S/DK/PL/ GR/CZ/I/H/SK/RU/P<br>M8522C IU TH D/F/I/E/GB/NL/S/DK/PL/ GR/CZ/I/H/SK/RU/P<br>M8522C IU TH D/F/I/E/GB/NL/S/DK/PL/ GR/CZ/I/H/SK/RU/P | 25390150 |
| CDROM ICC17<br>CDROM ICC17<br>CDROM ICC17<br>CDROM ICC17<br>CDROM ICC17 | 35065140 |



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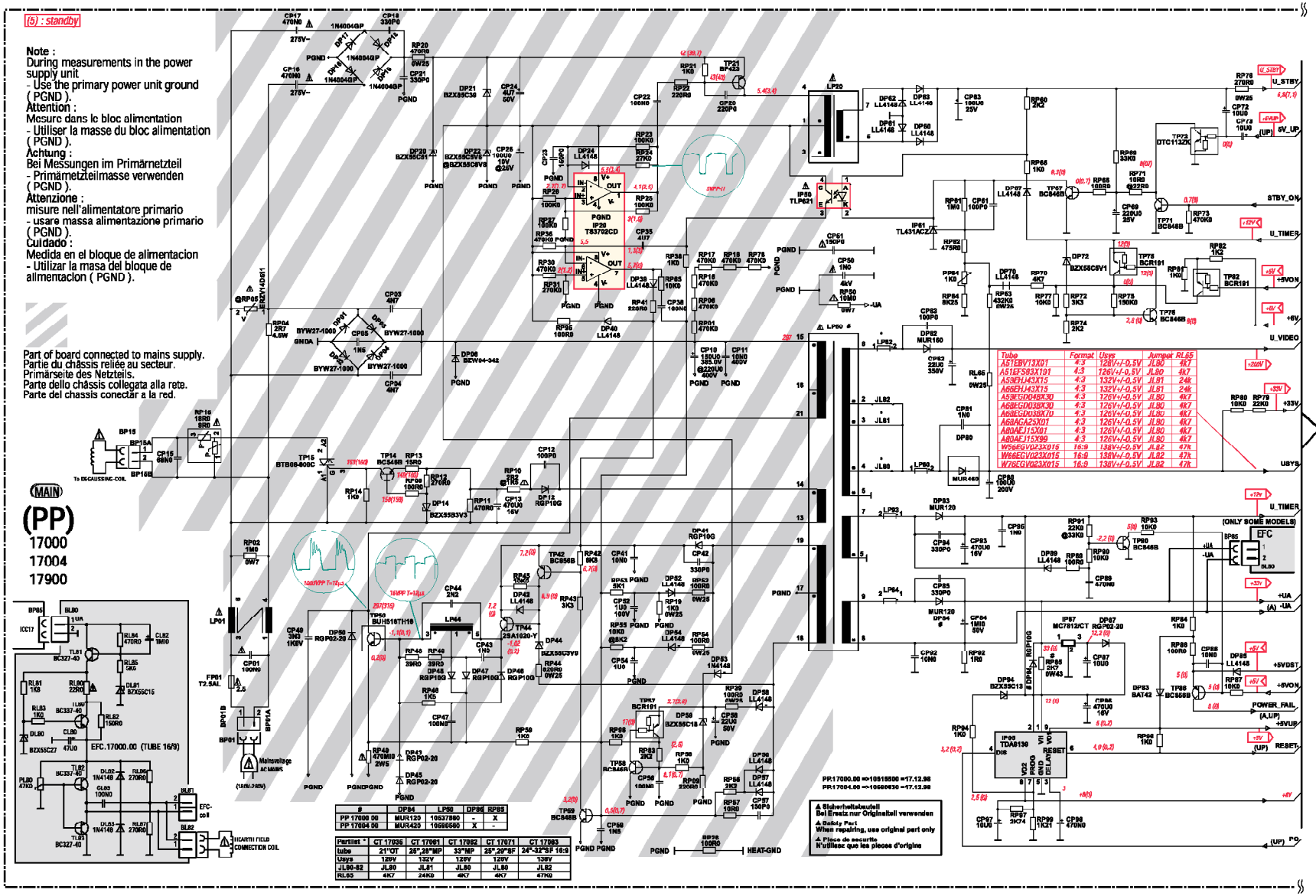
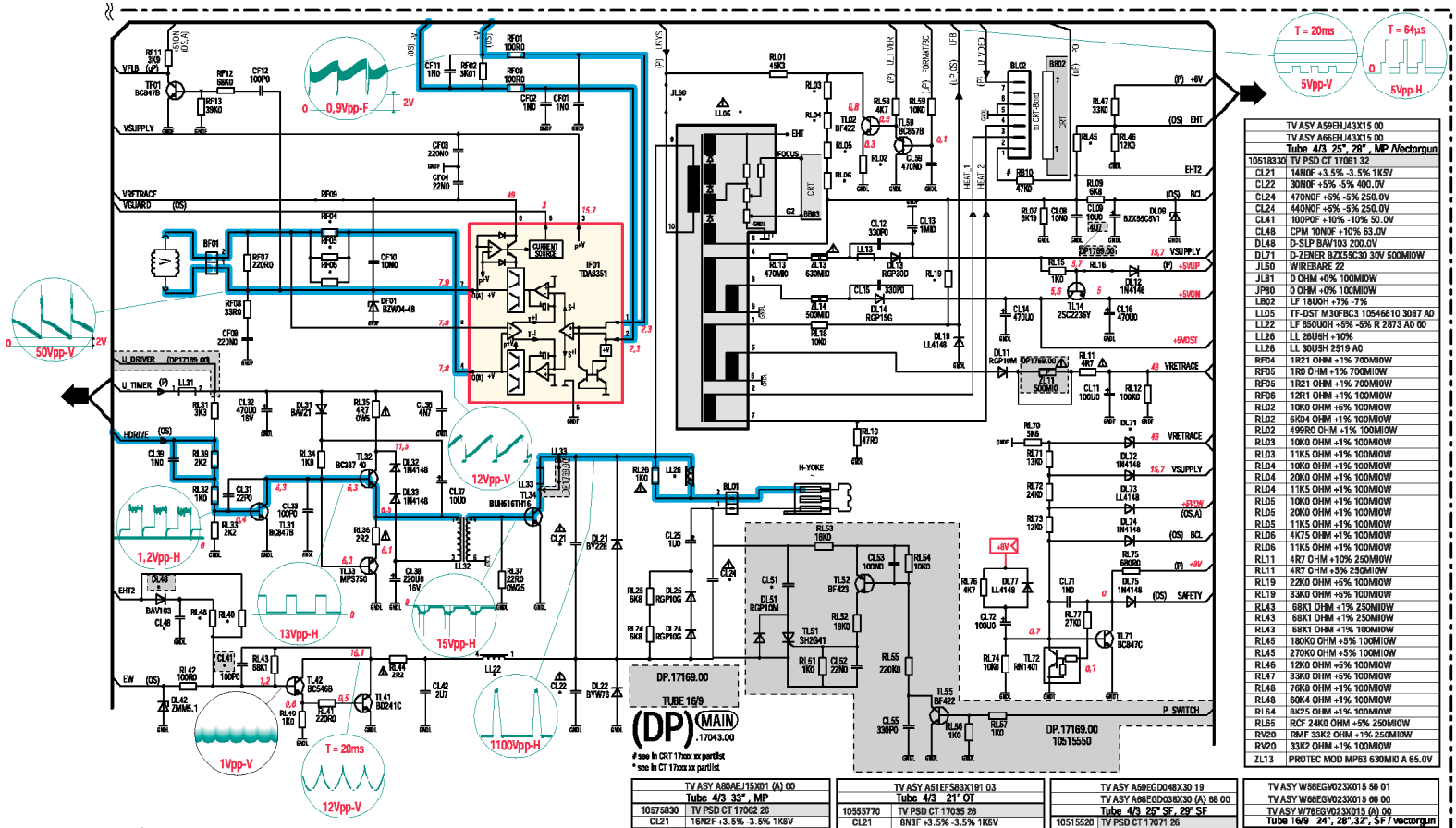
## POWER SUPPLY - ALIMENTATION - NETZTEIL - ALIMENTAZIONE - ALIMENTACIÓN


(5) : standby
Note :
During measurements in the power supply unit
- Use the primary power unit ground ( PGND ).
Attention :
Mesure dans le bloc alimentation
- Utiliser la masse du bloc alimentation ( PGND ).
Achtung :
Bei Messungen im Primärnetzteil
- Primärnetzteilmasse verwenden ( PGND ).
Attenzione :
misure nell'alimentatore primario
- usare massa alimentazione primario ( PGND ).
Cuidado :
Medida en el bloque de alimentacion
- Utilizar la masa del bloque de alimentacion ( PGND ).
Part of board connected to mains supply.
Partie du châssis reliée au secteur.
Primärseite des Netzteils.
Parte dello chassis collegata alla rete.
Parte del chassis conectar a la red.
(MAIN)
(PP)
17000
17004
17900
EFC.17000.00 (TUBE 16/9)
To DEGAUSSING COIL
Mainsvoltage AC MAINS
EARTH FIELD CONNECTION COIL
PGND
HEAT-GND
U_STBY
5V_UP
STBY_ON
U_TIMER
+5VON
+8V
U_VIDEO
+220V
+33V
USYS
(ONLY SOME MODELS)
EFC
+12V
+UA
-UA
+5VDST
POWER_FAIL
RESET
+5V
Tube | Format | Usys | Jumper RL65
A51EBV13X01 | 4:3 | 128V+/-0.5V | JL80 | 4k7
A51EFS83X191 | 4:3 | 126V+/-0.5V | JL80 | 4k7
A53CHJ43X15 | 4:3 | 132V+/-0.5V | JL81 | 24k
A55EHJ43X15 | 4:3 | 132V+/-0.5V | JL81 | 24k
A59EGD048X30 | 4:3 | 126V+/-0.5V | JL80 | 4k7
A68EGD038X30 | 4:3 | 126V+/-0.5V | JL80 | 4k7
A68EGD038X70 | 4:3 | 126V+/-0.5V | JL80 | 4k7
A68AAC42X01 | 4:3 | 126V+/-0.5V | JL80 | 4k7
A80AEJ15X01 | 4:3 | 126V+/-0.5V | JL80 | 4k7
A80AEJ15X99 | 4:3 | 126V+/-0.5V | JL80 | 4k7
W56EGV023X015 | 16:9 | 136V+/-0.5V | JL82 | 47k
W66ECV023X015 | 16:9 | 136V+/-0.5V | JL82 | 47k
W76EGV023X015 | 16:9 | 136V+/-0.5V | JL82 | 47k
DP | DP84 | LP50 | DP86 | RP85
PP 17000.00 | MUR120 | 10537890 | - | X
PP 17004.00 | MUR420 | 10590580 | X | -
Partlist * | CT 17036 | CT 17061 | CT 17062 | CT 17071 | CT 17083
tube | 21"OT | 25",29"MP | 33"MP | 25",29"SF | 24"-32"SF 16:9
Usys | 128V | 132V | 128V | 128V | 136V
JL80-82 | JL80 | JL81 | JL80 | JL80 | JL82
RL65 | 4K7 | 24K0 | 4K7 | 4K7 | 47K0
⚠ Sicherheitsteil
Bei Ersatz nur Originalteil verwenden
⚠ Safety Part
When repairing, use original part only
⚠ Pièce de sécurité
N'utiliser que les pièces d'origine
PP.17000.00 =>10515590 =17.12.98
PP.17004.00 =>10590430 =17.12.98

## SCANNING - BALAYAGE - ABLENKUNG - BARRIDO - SCANSIONE




| TV ASY A59EHJ43X15 00<br>TV ASY A66EHJ43X15 00<br>Tube 4/3 25", 28" , MP /Vectorgun | |
|---|---|
| 10518330 | TV PSD CT 17061 32 |
| CL21 | 14N0F +3.5% -3.5% 1K6V |
| CL22 | 30N0F +5% -5% 400.0V |
| CL24 | 470N0F +5% -5% 250.0V |
| CL24 | 440N0F +5% -5% 250.0V |
| CL41 | 100P0F +10% -10% 50.0V |
| CL48 | CPM 10N0F +10% 63.0V |
| DL48 | D-SLP BAV103 200.0V |
| DL71 | D-ZENER BZX55C30 30V 500MI0W |
| JL60 | WIREBARE 22 |
| JL81 | 0 OHM +0% 100MI0W |
| JP80 | 0 OHM +0% 100MI0W |
| LB02 | LF 18U0H +7% -7% |
| LL05 | TF-DST M30FBC3 10546610 3087 A0 |
| LL22 | LF 650U0H +5% -5% R 2873 A0 00 |
| LL26 | LL 26U5H +10% |
| LL26 | LL 30U5H 2519 A0 |
| RF04 | 1821 OHM +1% 700MI0W |
| RF05 | 1R0 OHM +1% 700MI0W |
| RF05 | 1R21 OHM +1% 700MI0W |
| RF06 | 12R1 OHM +1% 100MI0W |
| RL02 | 10K0 OHM +5% 100MI0W |
| RL02 | 6KD4 OHM +1% 100MI0W |
| RL02 | 499R0 OHM +1% 100MI0W |
| RL03 | 10K0 OHM +1% 100MI0W |
| RL03 | 11K5 OHM +1% 100MI0W |
| RL04 | 10K0 OHM +1% 100MI0W |
| RL04 | 20K0 OHM +1% 100MI0W |
| RL04 | 11K5 OHM +1% 100MI0W |
| RL05 | 10K0 OHM +1% 100MI0W |
| RL05 | 20K0 OHM +1% 100MI0W |
| RL05 | 11K5 OHM +1% 100MI0W |
| RL06 | 11K5 OHM +1% 100MI0W |
| RL11 | 4R7 OHM +10% 250MI0W |
| RL11 | 4R7 OHM +5% 250MI0W |
| RL19 | 22K0 OHM +5% 100MI0W |
| RL19 | 33K0 OHM +5% 100MI0W |
| RL43 | 68K1 OHM +1% 250MI0W |
| RL43 | 68K1 OHM +1% 250MI0W |
| RL43 | 68K1 OHM +1% 100MI0W |
| RL45 | 180K0 OHM +5% 100MI0W |
| RL45 | 270K0 OHM +5% 100MI0W |
| RL46 | 12K0 OHM +5% 100MI0W |
| RL47 | 33K0 OHM +5% 100MI0W |
| RL48 | 76K8 OHM +1% 100MI0W |
| RL48 | 60K4 OHM +1% 100MI0W |
| RL54 | 8K25 OHM +1% 100MI0W |
| RL55 | RCF 24K0 OHM +5% 250MI0W |
| RV20 | TRMF 33K2 OHM +1% 250MI0W |
| RV20 | 33K2 OHM +1% 100MI0W |
| ZL13 | PROTEC MOD MP63 630MI0 A 65.0V |

| TV ASY A80AEJ15X01 (A) 00<br>Tube 4/3 33" , MP | |
|---|---|
| 10578830 | TV PSD CT 17062 26 |
| CL21 | 16N2F +3.5% -3.5% 1K6V |
| CL22 | 30N0F +5% -5% 400.0V |
| CL24 | 560N0F +5% -5% 250.0V |
| CL41 | 100P0F +10% -10% 50.0V |
| CL48 | 10N0F +10% 63.0V |
| DL48 | D-SLP BAV103 200.0V |
| DL71 | D-ZENER BZX55C30 30V 500MI0W |
| JL60 | WIREBARE 22 |
| JL80 | 0 OHM +0% 100MI0W |
| LB02 | LF 32U0H +4% -4% |
| LL05 | TF-DST TDS29 TBD 11 |
| LL22 | LF 650U0H +5% -5% R 2873 A0 00 |
| LL26 | LL 26U5H +10% |
| RF05 | 1R21 OHM +1% 700MI0W |
| RF06 | 10R0 OHM +1% 100MI0W |
| RL02 | 6K04 OHM +1% 100MI0W |
| RL03 | 4K75 OHM +1% 100MI0W |
| RL04 | 4K75 OHM +1% 100MI0W |
| RL05 | 4K75 OHM +1% 100MI0W |
| RL06 | 6K81 OHM +1% 100MI0W |
| RL19 | 13K0 OHM +5% 100MI0W |
| RL45 | 150K0 OHM +5% 100MI0W |
| RL48 | 76K8 OHM +1% 100MI0W |
| RL49 | 560K0 OHM +5% 100MI0W |
| RL65 | RCF 4K7 OHM +5% 250MI0W |
| RV20 | RMF 23K7 OHM +1% 250MI0W |

| TV ASY A51EFSR33X191 03<br>Tube 4/3 21" OT | |
|---|---|
| 10555770 | TV PSD CT 17035 26 |
| CL21 | 8N3F +3.5% -3.5% 1K6V |
| CL22 | 33N0F +5% -5% 1K0V |
| CL24 | 440N0F +5% -5% 250.0V |
| CL41 | 1N0F +10% -10% 50.0V |
| DL71 | D-ZENER BZX55C24 24V 500MI0W |
| JL60 | WIREBARE 22 |
| JL80 | 0 OHM +0% 100MI0W |
| LB02 | LF 18U0H +7% -7% |
| LL05 | TF-DST M30FBC3 10555640 3087 A0 |
| LL22 | LF 650U0H +5% -5% R 2873 A0 00 |
| LL26 | LL 85U0H 2519 A0 |
| RF05 | 1R5 OHM +1% 700MI0W |
| RF06 | 10R0 OHM +1% 100MI0W |
| RL02 | 6K04 OHM +1% 100MI0W |
| RL03 | 10K0 OHM +1% 100MI0W |
| RL04 | 10K0 OHM +1% 100MI0W |
| RL05 | 10K0 OHM +1% 100MI0W |
| RL06 | 3K32 OHM +1% 100MI0W |
| RL45 | 110K0 OHM +5% 100MI0W |
| RL49 | 60K4 OHM +1% 100MI0W |
| RL65 | 4K7 OHM +5% 250MI0W |
| RV20 | 23K7 OHM +1% 250MI0W |

| TV ASY A58EGD048X30 19<br>TV ASY A68EGD038X30 (A) 68 00<br>Tube 4/3 29" SF, 29" SF | |
|---|---|
| 10515520 | TV PSD CT 17071 26 |
| CL21 | 18N2F +3.5% -3.5% 1K6V |
| CL22 | 30N0F +5% -5% 400.0V |
| CL24 | 510N0F +5% -5% 250.0V |
| CL41 | 100P0F +10% -10% 50.0V |
| CL48 | 10N0F +10% 63.0V |
| DL48 | D-SLP BAV103 200.0V |
| DL71 | D-ZENER BZX55C30 30V 500MI0W |
| JL60 | WIREBARE 22 |
| JL80 | 0 OHM +0% 100MI0W |
| LB02 | LF 32U0H +4% -4% |
| LL05 | TF-DST TDS29 TBD 13 |
| LL22 | LF 650U0H +5% -5% |
| LL26 | LL 26U5H +10% |
| RF05 | 1R21 OHM +1% 700MI0W |
| RL02 | 6K8 OHM +5% 100MI0W |
| RL03 | 4K75 OHM +1% 100MI0W |
| RL04 | 4K75 OHM +1% 100MI0W |
| RL05 | 4K75 OHM +1% 100MI0W |
| RL06 | 4K75 OHM +1% 100MI0W |
| RL19 | 15K0 OHM +5% 100MI0W |
| RL45 | 180K0 OHM +5% 100MI0W |
| RL48 | 100K0 OHM +5% 100MI0W |
| RL49 | 300K0 OHM +5% 100MI0W |
| RL65 | 4K7 OHM +5% 250MI0W |
| RV20 | 33K2 OHM +1% 250MI0W |

| TV ASY W66EGV023X015 56 01<br>TV ASY W66EGV023X015 66 00<br>TV ASY W76EGV023X015 (A) 00<br>Tube 16/9 24", 28",32", SF / Vectorgun | |
|---|---|
| 10515530 | TV PSD CT 17083 38 |
| CL21 | 15N5F +3.5% -3.5% 1K6V |
| CL22 | 27N0F +5% -5% 400.0V |
| CL24 | 440N0F +5% -5% 250.0V |
| CL41 | 100P0F +10% -10% 50.0V |
| CL48 | 100N0F +5% 63.0V |
| CL51 | 290N0F +5% -5% 250.0V |
| DL48 | D-SLP BAV103 200.0V |
| DL71 | D-ZENER BZX55C24 24V 500MI0W |
| JL60 | WIREBARE 22 |
| JL82 | 0 OHM +0% 100MI0W |
| LB02 | LF 32U0H +4% -4% |
| LL05 | TF-DST TDS29 15314460 10 |
| LL22 | LF 650U0H +5% -5% |
| LL26 | LL 30U5H 2519 A0 |
| RF05 | 1R21 OHM +1% 700MI0W |
| RL02 | 4K99 OHM +1% 100MI0W |
| RL03 | 6K49 OHM +1% 100MI0W |
| RL04 | 6K49 OHM +1% 100MI0W |
| RL05 | 6K49 OHM +1% 100MI0W |
| RL06 | 2K37 OHM +1% 100MI0W |
| RL19 | 13K0 OHM +5% 100MI0W |
| RL45 | 390K0 OHM +5% 100MI0W |
| RL48 | 220K0 OHM +5% 100MI0W |
| RL49 | 180K0 OHM +5% 100MI0W |
| RL65 | 47K0 OHM +5% 250MI0W |
| RV20 | 100K0 OHM +1% 250MI0W |

⚠ Indicates critical safety components, and identical components should be used for replacement. Only then can the operational safety be garanteed.

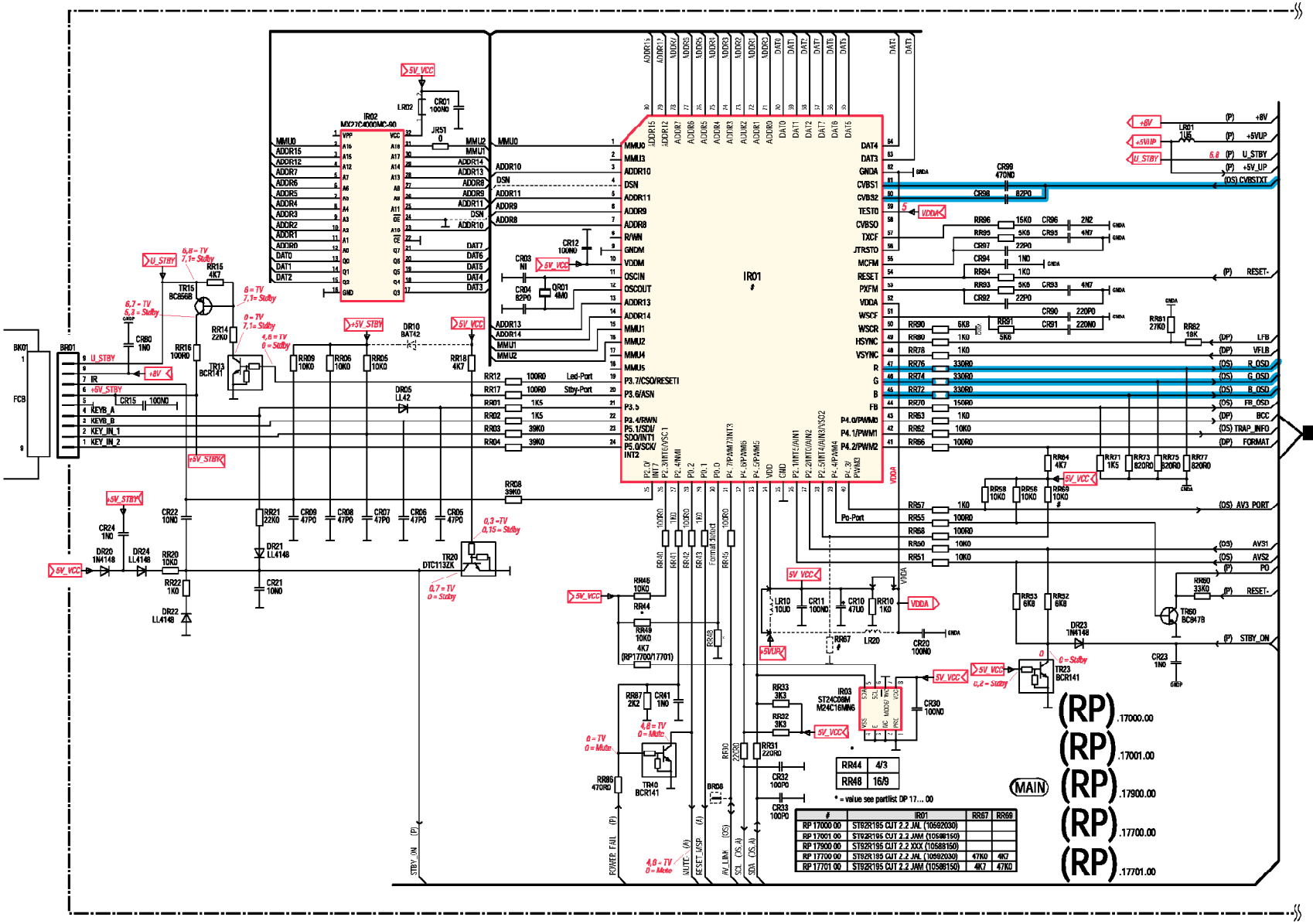
Le remplacement des éléments de sécurité (repérés avec le symbole ⚠ ) par des composants non homologués selon la Norme CEI 65 entraine la non-conformité de l'appareil.
Dans ce cas, la responsabilité du fabricant n'est plus engagée.

Wenn Sicherheitsteile (mit dem Symbol ⚠ gekennzeichnet) durch nicht normgerechte Teile ersetzt werden, erlischt die Haftung des Herstellers.

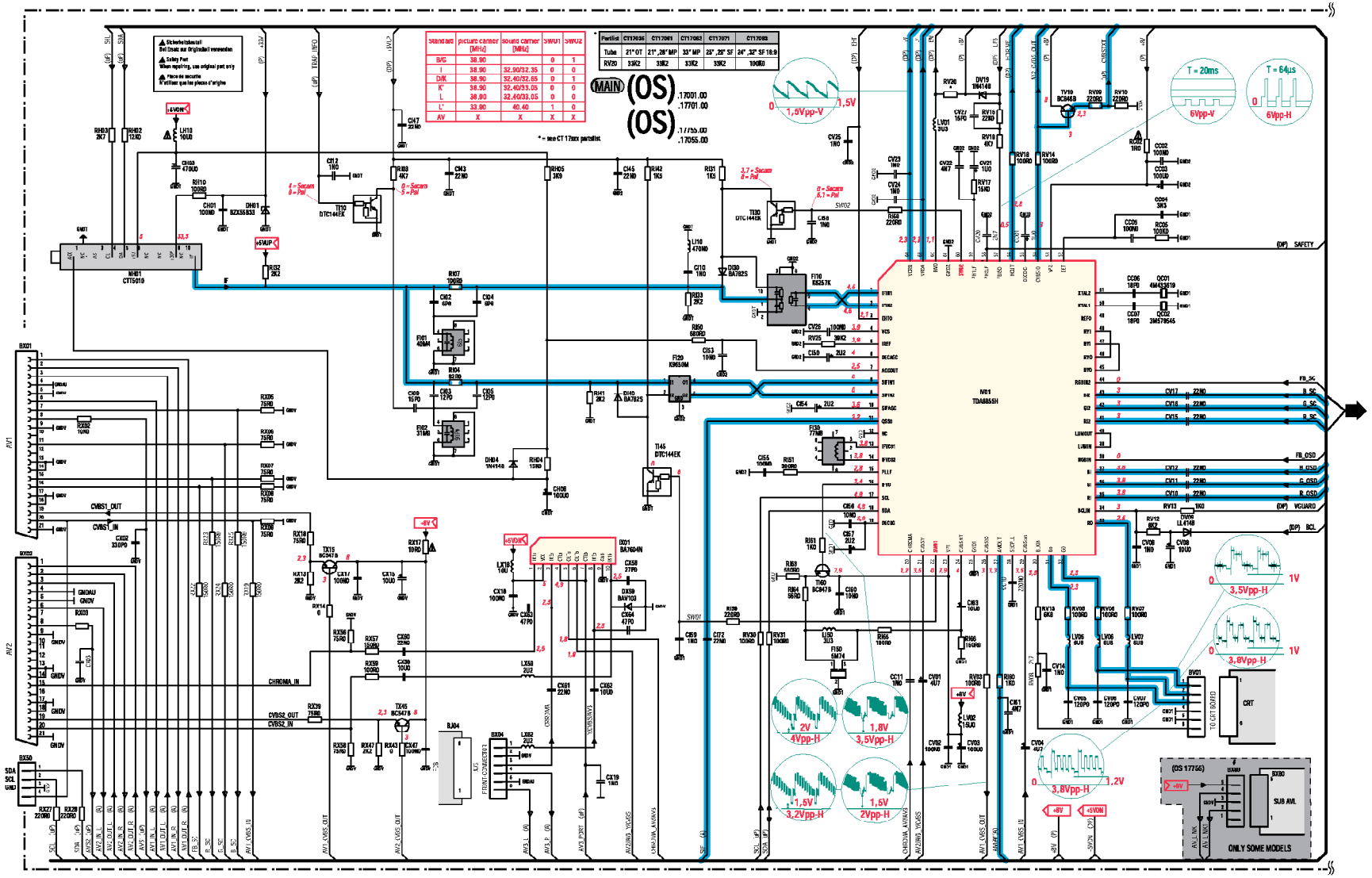
La sostituzione degli elementi di sicurezza (contrassegnati con il segno ⚠ ) con componenti non omologati secondo la norma CEI 65 comporta la non conformitá dell'apparecchio.
In tal caso é "esclusa la responsabilità" del costruttore.

La subtitución de elementos de seguridad (marcados con el simbolo ⚠ ) por componentes no homologados según la norma CEI 65, provoca la no conformidad del aparato.
En ese caso, el fabricante cesa de ser responsable.

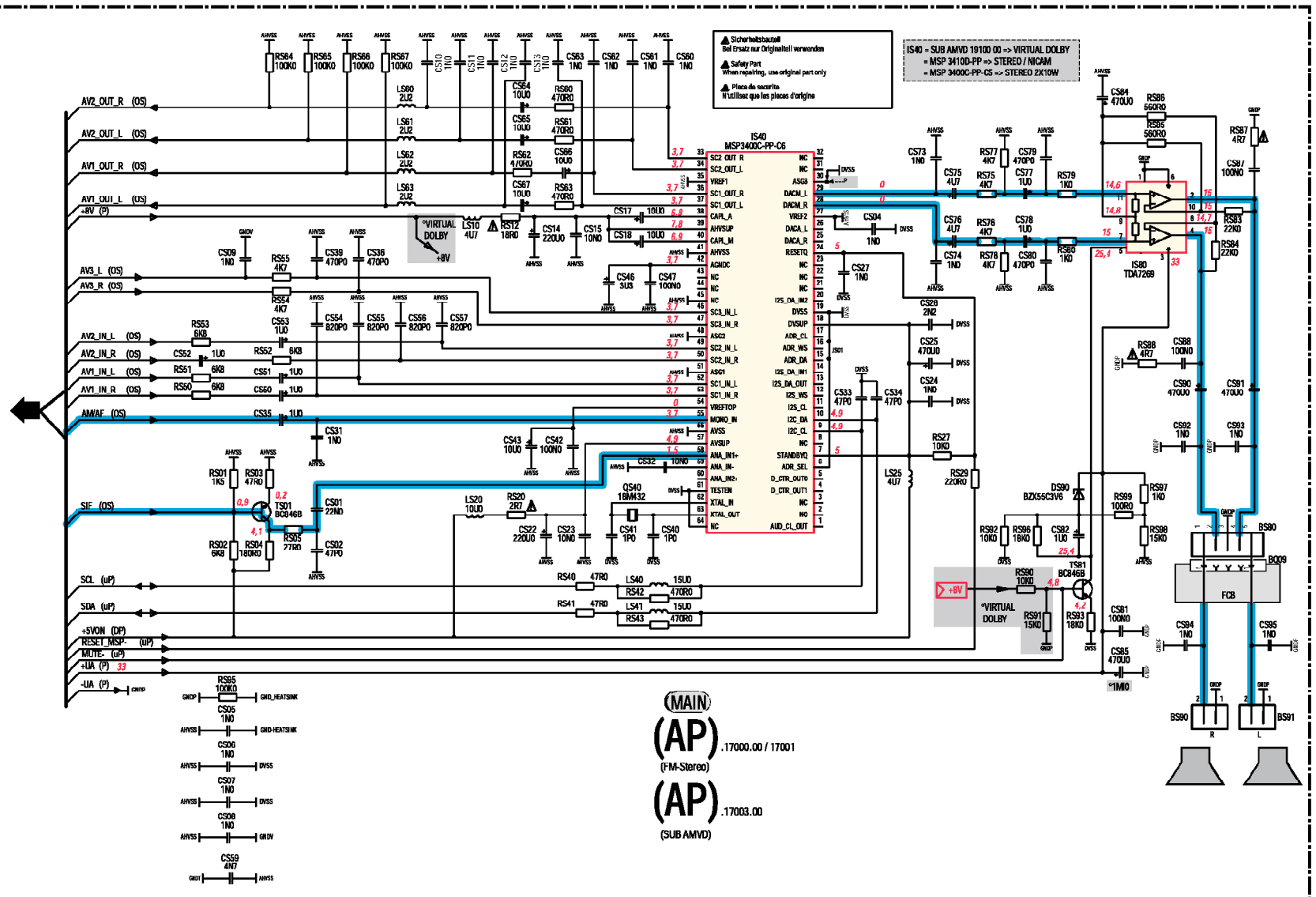
## CONTROL MICROPROCESSOR - MICROPROCESSEUR DE COMMANDE - MIKROPROZESSOR - MICROPROCESSORE DEI COMANDI - MICROPROCESADOR DE LOS MANDOS



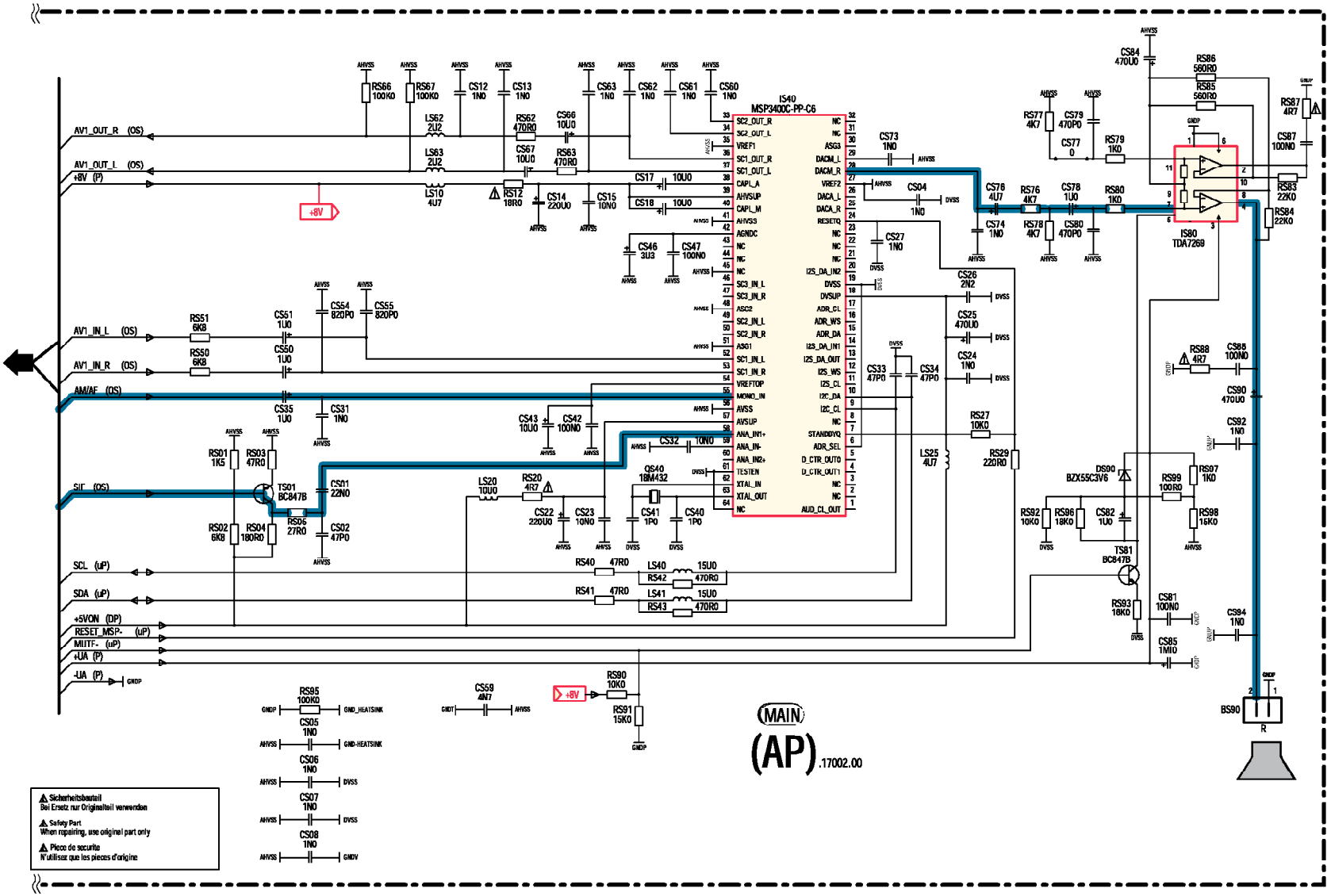
**RF/FI/ SCART INTERFACE/VIDEO SIGNAL PROCESSING -HF/FI INTERFACE PERITELEVISION/TRAITEMENT LUMINANCE CHROMINANCE - HF/ZF/ SCART INTERFACE/VIDEO SIGNALVERARBEITUNG - RF/FI /PRESA PERITEL/ELABORAZIONE VIDEO - RF/FI /EUROCONECTOR / TRATAMENTO VIDEO**



**AMPLIFIER SCHEMATIC DIAGRAM - SCHEMA DE L'AMPLIFICATEUR - SCHALTBILD AUDIO-SIGNALVERABEITUNG - SCHEMA DELL' AMPLIFICATORE**
**ESQUEMA DEL AMPLIFICADOR**
**(STEREO)**



**AMPLIFIER SCHEMATIC DIAGRAM - SCHEMA DE L'AMPLIFICATEUR - SCHALTBILD AUDIO-SIGNALVERABEITUNG - SCHEMA DELL' AMPLIFICATORE - ESQUEMA DEL AMPLIFICADOR**
**(MONO)**



## POWER SUPPLY - ALIMENTATION - NETZTEIL - ALIMENTAZIONE - ALIMENTACIÓN

(5) : standby

**Note :**
During measurements in the power supply unit
- Use the primary power unit ground ( PGND ).

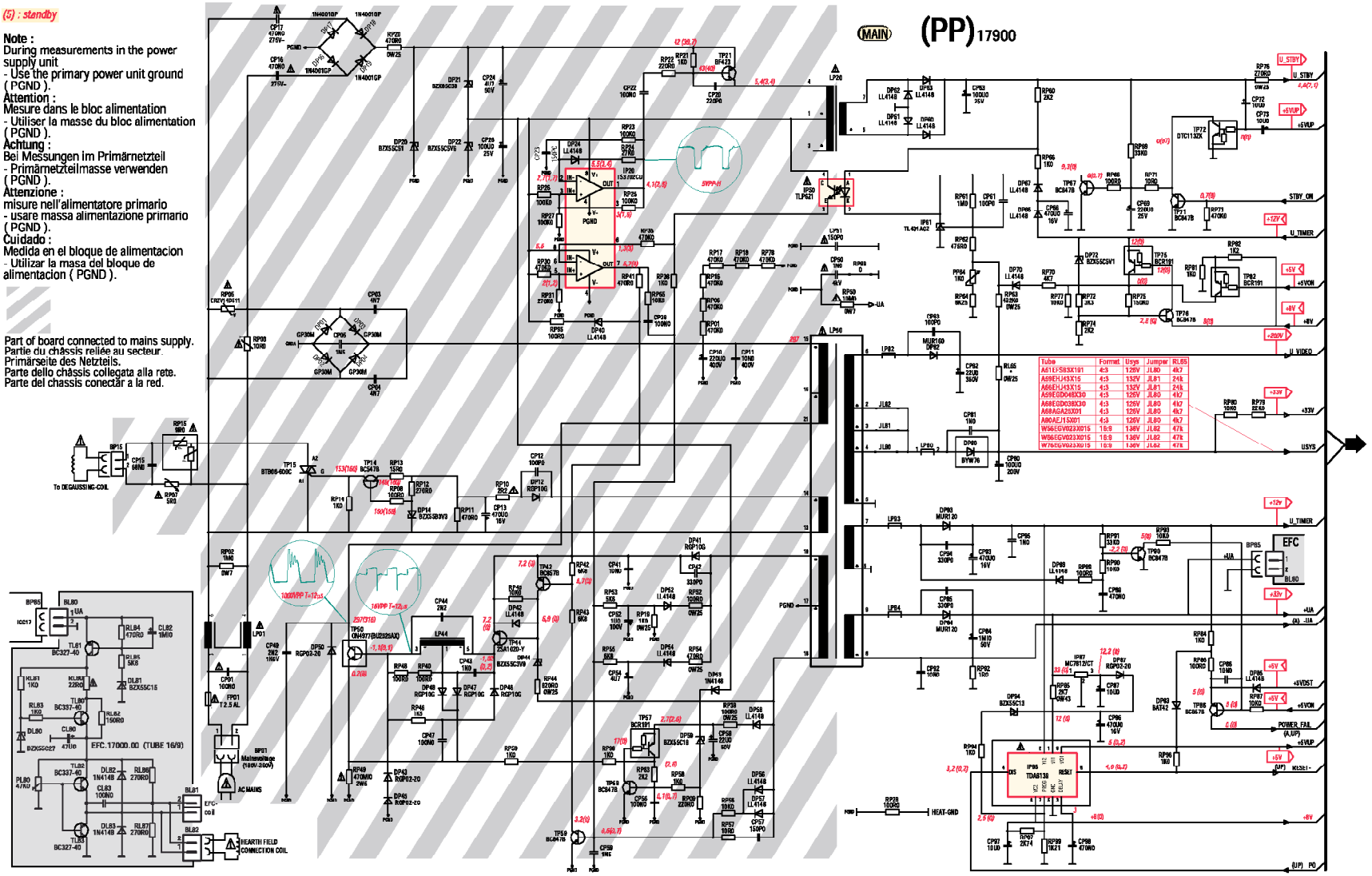
**Attention :**
Mesure dans le bloc alimentation
- Utiliser la masse du bloc alimentation ( PGND ).

**Achtung :**
Bei Messungen im Primärnetzteil
- Primärnetzteilmasse verwenden ( PGND ).

**Attenzione :**
misure nell'alimentatore primario
- usare massa alimentazione primario ( PGND ).

**Cuidado :**
Medida en el bloque de alimentacion
- Utilizar la masa del bloque de alimentacion ( PGND ).

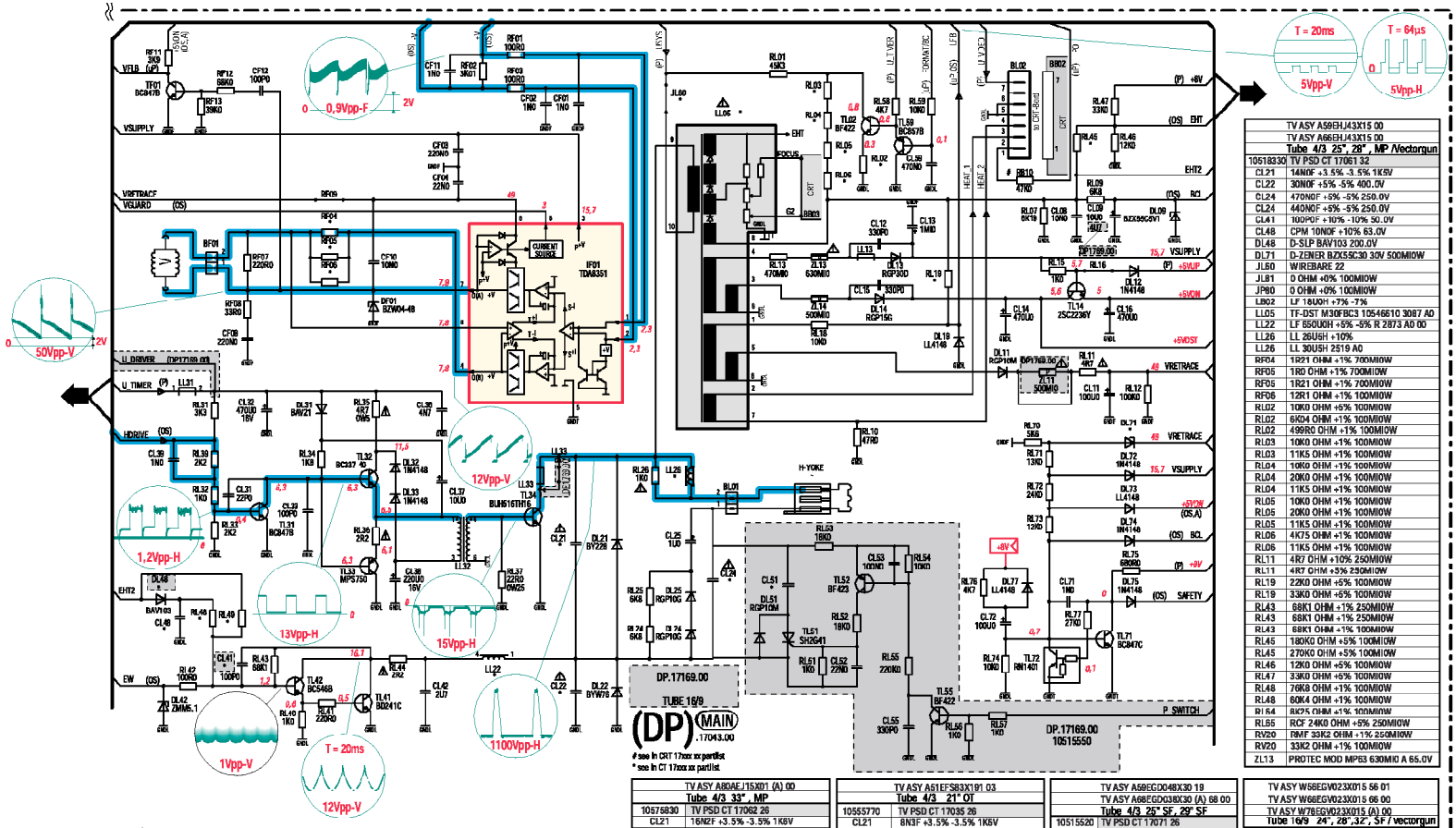
Part of board connected to mains supply.
Partie du châssis reliée au secteur.
Primärseite des Netzteils.
Parte dello chassis collegata alla rete.
Parte del chassis conectär a la red.




| Tube | Format | Usys | Jumper | RL65 |
|---|---|---|---|---|
| A61EFS83X191 | 4:3 | 125V | JL80 | 4k7 |
| A59EHJ43X15 | 4:3 | 132V | JL81 | 24k |
| A66EHJ43X15 | 4:3 | 132V | JL81 | 24k |
| A59EGD04B30 | 4:3 | 125V | JL80 | 4k7 |
| A68EGD038X30 | 4:3 | 125V | JL80 | 4k7 |
| A68AGA23X01 | 4:3 | 125V | JL80 | 4k7 |
| A80AEJY5X01 | 4:3 | 125V | JL80 | 4k7 |
| W56EGV023X015 | 16:9 | 136V | JL82 | 47k |
| W66EGV023X015 | 16:9 | 136V | JL82 | 47k |
| W76EGV023X015 | 16:9 | 136V | JL82 | 47k |

⚠ Use isolating mains transformer - Utiliser un transformateur isolateur du secteur -Einen Trenntrafo verwenden
Utilizar un transformador aislador de red - Utilizzare un trasformatore per isolarvi dalla rete

## SCANNING - BALAYAGE - ABLENKUNG - BARRIDO - SCANSIONE




| TV ASY A59EHJ43X15 00<br>TV ASY A66EHJ43X15 00<br>Tube 4/3 25", 28" , MP /Vectorgun | |
|---|---|
| 10518330 | TV PSD CT 17061 32 |
| CL21 | 14N0F +3.5% -3.5% 1K6V |
| CL22 | 30N0F +5% -5% 400.0V |
| CL24 | 470N0F +5% -5% 250.0V |
| CL24 | 440N0F +5% -5% 250.0V |
| CL41 | 100P0F +10% -10% 50.0V |
| CL48 | CPM 10N0F +10% 63.0V |
| DL48 | D-SLP BAV103 200.0V |
| DL71 | D-ZENER BZX55C30 30V 500MI0W |
| JL60 | WIREBARE 22 |
| JL81 | 0 OHM +0% 100MI0W |
| JP80 | 0 OHM +0% 100MI0W |
| LB02 | LF 18U0H +7% -7% |
| LL05 | TF-DST M30FBC3 10546610 3087 A0 |
| LL22 | LF 650U0H +5% -5% R 2873 A0 00 |
| LL26 | LL 26U5H +10% |
| LL26 | LL 30U5H 2519 A0 |
| RF04 | 1821 OHM +1% 700MI0W |
| RF05 | 1R0 OHM +1% 700MI0W |
| RF05 | 1R21 OHM +1% 700MI0W |
| RF06 | 12R1 OHM +1% 100MI0W |
| RL02 | 10K0 OHM +5% 100MI0W |
| RL02 | 6KD4 OHM +1% 100MI0W |
| RL02 | 499R0 OHM +1% 100MI0W |
| RL03 | 10K0 OHM +1% 100MI0W |
| RL03 | 11K5 OHM +1% 100MI0W |
| RL04 | 10K0 OHM +1% 100MI0W |
| RL04 | 20K0 OHM +1% 100MI0W |
| RL04 | 11K5 OHM +1% 100MI0W |
| RL05 | 10K0 OHM +1% 100MI0W |
| RL05 | 20K0 OHM +1% 100MI0W |
| RL05 | 11K5 OHM +1% 100MI0W |
| RL06 | 11K5 OHM +1% 100MI0W |
| RL11 | 4R7 OHM +10% 250MI0W |
| RL11 | 4R7 OHM +5% 250MI0W |
| RL19 | 22K0 OHM +5% 100MI0W |
| RL19 | 33K0 OHM +5% 100MI0W |
| RL43 | 68K1 OHM +1% 250MI0W |
| RL43 | 68K1 OHM +1% 250MI0W |
| RL43 | 68K1 OHM +1% 100MI0W |
| RL45 | 180K0 OHM +5% 100MI0W |
| RL45 | 270K0 OHM +5% 100MI0W |
| RL46 | 12K0 OHM +5% 100MI0W |
| RL47 | 33K0 OHM +5% 100MI0W |
| RL48 | 76K8 OHM +1% 100MI0W |
| RL48 | 60K4 OHM +1% 100MI0W |
| RL54 | 8K25 OHM +1% 100MI0W |
| RL55 | RCF 24K0 OHM +5% 250MI0W |
| RV20 | TRMF 33K2 OHM +1% 250MI0W |
| RV20 | 33K2 OHM +1% 100MI0W |
| ZL13 | PROTEC MOD MP63 630MI0 A 65.0V |

| TV ASY A80AEJ15X01 (A) 00<br>Tube 4/3 33" , MP | |
|---|---|
| 10578830 | TV PSD CT 17062 26 |
| CL21 | 16N2F +3.5% -3.5% 1K6V |
| CL22 | 30N0F +5% -5% 400.0V |
| CL24 | 560N0F +5% -5% 250.0V |
| CL41 | 100P0F +10% -10% 50.0V |
| CL48 | 10N0F +10% 63.0V |
| DL48 | D-SLP BAV103 200.0V |
| DL71 | D-ZENER BZX55C30 30V 500MI0W |
| JL60 | WIREBARE 22 |
| JL80 | 0 OHM +0% 100MI0W |
| LB02 | LF 32U0H +4% -4% |
| LL05 | TF-DST TDS29 TBD 11 |
| LL22 | LF 650U0H +5% -5% R 2873 A0 00 |
| LL26 | LL 26U5H +10% |
| RF05 | 1R21 OHM +1% 700MI0W |
| RF06 | 10R0 OHM +1% 100MI0W |
| RL02 | 6K04 OHM +1% 100MI0W |
| RL03 | 4K75 OHM +1% 100MI0W |
| RL04 | 4K75 OHM +1% 100MI0W |
| RL05 | 4K75 OHM +1% 100MI0W |
| RL06 | 6K81 OHM +1% 100MI0W |
| RL19 | 13K0 OHM +5% 100MI0W |
| RL45 | 150K0 OHM +5% 100MI0W |
| RL48 | 76K8 OHM +1% 100MI0W |
| RL49 | 560K0 OHM +5% 100MI0W |
| RL65 | RCF 4K7 OHM +5% 250MI0W |
| RV20 | RMF 23K7 OHM +1% 250MI0W |

| TV ASY A51EFSR33X191 03<br>Tube 4/3 21" OT | |
|---|---|
| 10555770 | TV PSD CT 17035 26 |
| CL21 | 8N3F +3.5% -3.5% 1K6V |
| CL22 | 33N0F +5% -5% 1K0V |
| CL24 | 440N0F +5% -5% 250.0V |
| CL41 | 1N0F +10% -10% 50.0V |
| DL71 | D-ZENER BZX55C24 24V 500MI0W |
| JL60 | WIREBARE 22 |
| JL80 | 0 OHM +0% 100MI0W |
| LB02 | LF 18U0H +7% -7% |
| LL05 | TF-DST M30FBC3 10555640 3087 A0 |
| LL22 | LF 650U0H +5% -5% R 2873 A0 00 |
| LL26 | LL 85U0H 2519 A0 |
| RF05 | 1R5 OHM +1% 700MI0W |
| RF06 | 10R0 OHM +1% 100MI0W |
| RL02 | 6K04 OHM +1% 100MI0W |
| RL03 | 10K0 OHM +1% 100MI0W |
| RL04 | 10K0 OHM +1% 100MI0W |
| RL05 | 10K0 OHM +1% 100MI0W |
| RL06 | 3K32 OHM +1% 100MI0W |
| RL45 | 110K0 OHM +5% 100MI0W |
| RL49 | 60K4 OHM +1% 100MI0W |
| RL65 | 4K7 OHM +5% 250MI0W |
| RV20 | 23K7 OHM +1% 250MI0W |

| TV ASY A58EGD048X30 19<br>TV ASY A68EGD038X30 (A) 68 00<br>Tube 4/3 29" SF, 29" SF | |
|---|---|
| 10515520 | TV PSD CT 17071 26 |
| CL21 | 18N2F +3.5% -3.5% 1K6V |
| CL22 | 30N0F +5% -5% 400.0V |
| CL24 | 510N0F +5% -5% 250.0V |
| CL41 | 100P0F +10% -10% 50.0V |
| CL48 | 10N0F +10% 63.0V |
| DL48 | D-SLP BAV103 200.0V |
| DL71 | D-ZENER BZX55C30 30V 500MI0W |
| JL60 | WIREBARE 22 |
| JL80 | 0 OHM +0% 100MI0W |
| LB02 | LF 32U0H +4% -4% |
| LL05 | TF-DST TDS29 TBD 13 |
| LL22 | LF 650U0H +5% -5% |
| LL26 | LL 26U5H +10% |
| RF05 | 1R21 OHM +1% 700MI0W |
| RL02 | 6K8 OHM +5% 100MI0W |
| RL03 | 4K75 OHM +1% 100MI0W |
| RL04 | 4K75 OHM +1% 100MI0W |
| RL05 | 4K75 OHM +1% 100MI0W |
| RL06 | 4K75 OHM +1% 100MI0W |
| RL19 | 15K0 OHM +5% 100MI0W |
| RL45 | 180K0 OHM +5% 100MI0W |
| RL48 | 100K0 OHM +5% 100MI0W |
| RL49 | 300K0 OHM +5% 100MI0W |
| RL65 | 4K7 OHM +5% 250MI0W |
| RV20 | 33K2 OHM +1% 250MI0W |

| TV ASY W66EGV023X015 56 01<br>TV ASY W66EGV023X015 66 00<br>TV ASY W76EGV023X015 (A) 00<br>Tube 16/9 24", 28",32", SF / Vectorgun | |
|---|---|
| 10515530 | TV PSD CT 17083 38 |
| CL21 | 15N5F +3.5% -3.5% 1K6V |
| CL22 | 27N0F +5% -5% 400.0V |
| CL24 | 440N0F +5% -5% 250.0V |
| CL41 | 100P0F +10% -10% 50.0V |
| CL48 | 100N0F +5% 63.0V |
| CL51 | 290N0F +5% -5% 250.0V |
| DL48 | D-SLP BAV103 200.0V |
| DL71 | D-ZENER BZX55C24 24V 500MI0W |
| JL60 | WIREBARE 22 |
| JL82 | 0 OHM +0% 100MI0W |
| LB02 | LF 32U0H +4% -4% |
| LL05 | TF-DST TDS29 15314460 10 |
| LL22 | LF 650U0H +5% -5% |
| LL26 | LL 30U5H 2519 A0 |
| RF05 | 1R21 OHM +1% 700MI0W |
| RL02 | 4K99 OHM +1% 100MI0W |
| RL03 | 6K49 OHM +1% 100MI0W |
| RL04 | 6K49 OHM +1% 100MI0W |
| RL05 | 6K49 OHM +1% 100MI0W |
| RL06 | 2K37 OHM +1% 100MI0W |
| RL19 | 13K0 OHM +5% 100MI0W |
| RL45 | 390K0 OHM +5% 100MI0W |
| RL48 | 220K0 OHM +5% 100MI0W |
| RL49 | 180K0 OHM +5% 100MI0W |
| RL65 | 47K0 OHM +5% 250MI0W |
| RV20 | 100K0 OHM +1% 250MI0W |

⚠ Indicates critical safety components, and identical components should be used for replacement. Only then can the operational safety be garanteed.

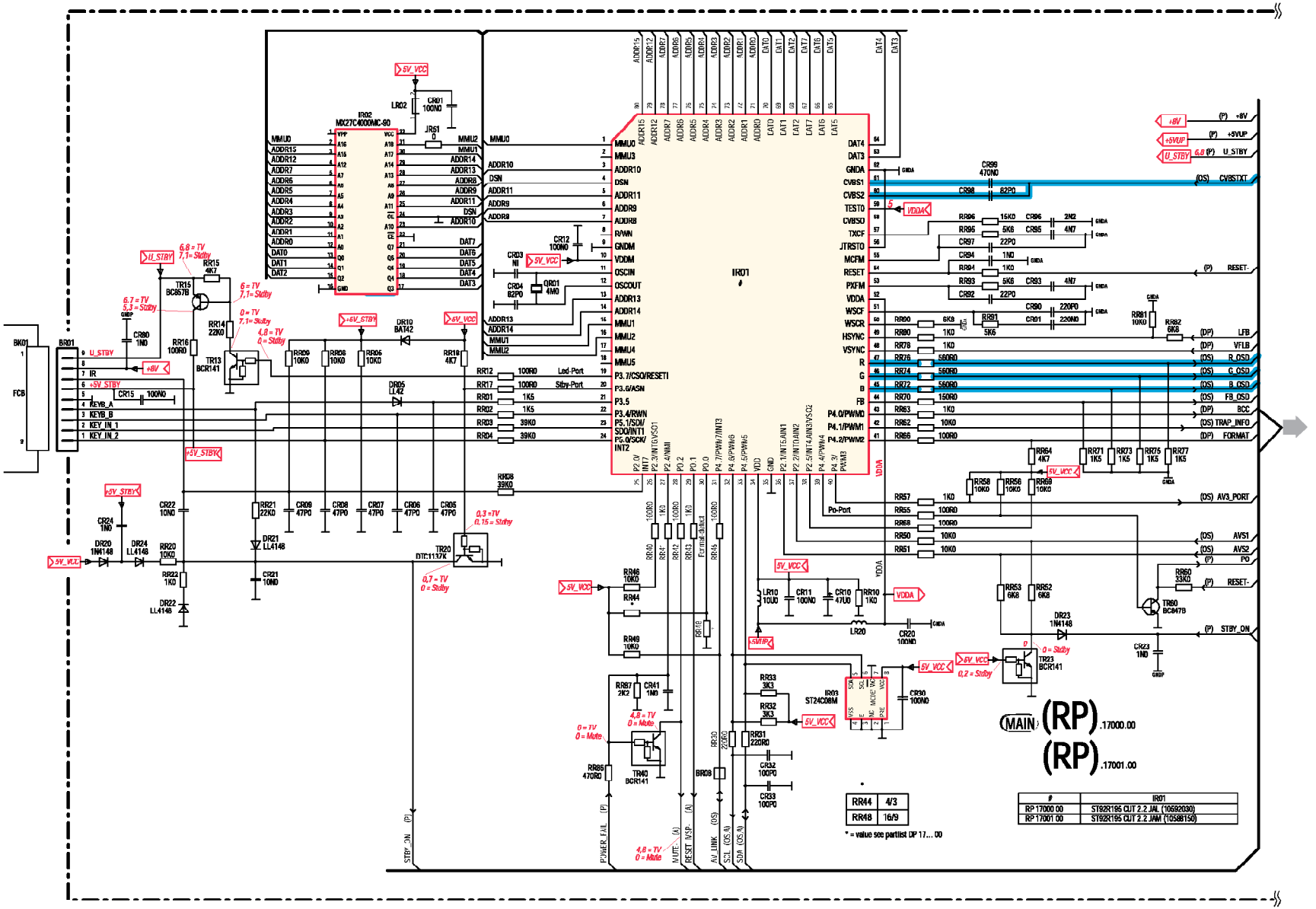
Le remplacement des éléments de sécurité (repérés avec le symbole ⚠ ) par des composants non homologués selon la Norme CEI 65 entraine la non-conformité de l'appareil.
Dans ce cas, la responsabilité du fabricant n'est plus engagée.

Wenn Sicherheitsteile (mit dem Symbol ⚠ gekennzeichnet) durch nicht normgerechte Teile ersetzt werden, erlischt die Haftung des Herstellers.

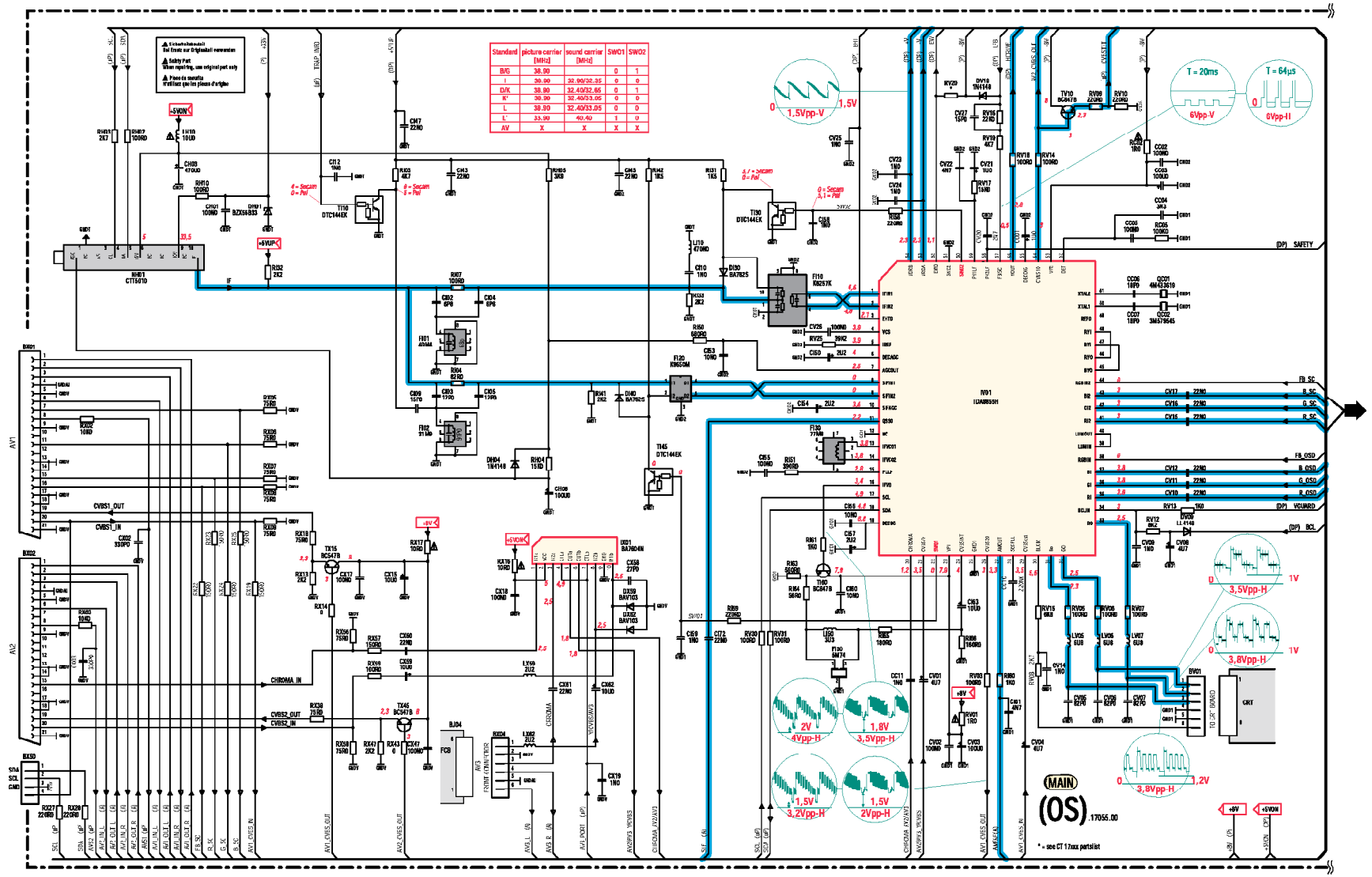
La sostituzione degli elementi di sicurezza (contrassegnati con il segno ⚠ ) con componenti non omologati secondo la norma CEI 65 comporta la non conformitá dell'apparecchio.
In tal caso é "esclusa la responsabilità" del costruttore.

La subtitución de elementos de seguridad (marcados con el simbolo ⚠ ) por componentes no homologados según la norma CEI 65, provoca la no conformidad del aparato.
En ese caso, el fabricante cesa de ser responsable.

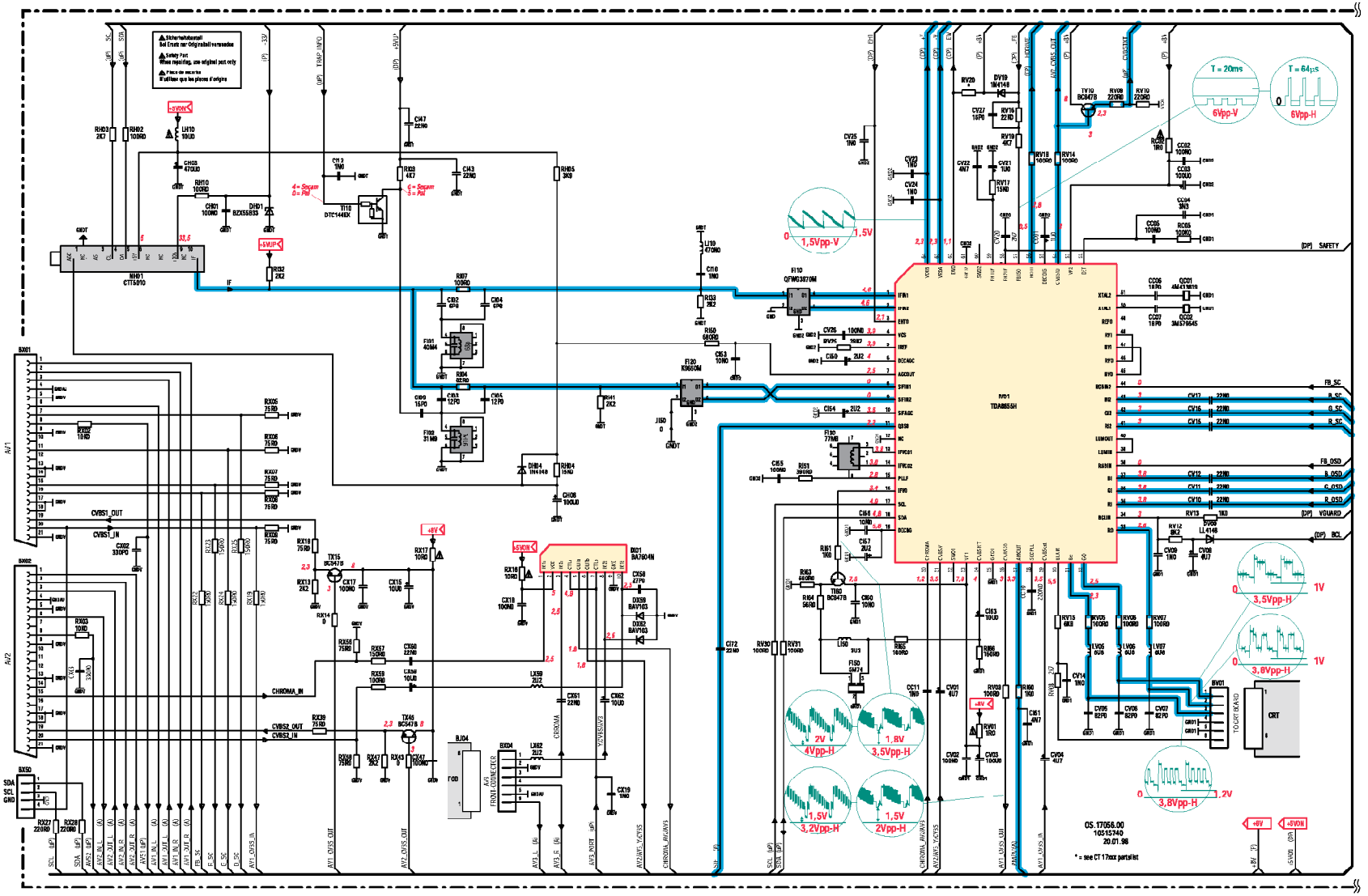
## CONTROL MICROPROCESSOR - MICROPROCESSEUR DE COMMANDE - MIKROPROZESSOR - MICROPROCESSORE DEI COMANDI - MICROPROCESADOR DE LOS MANDOS



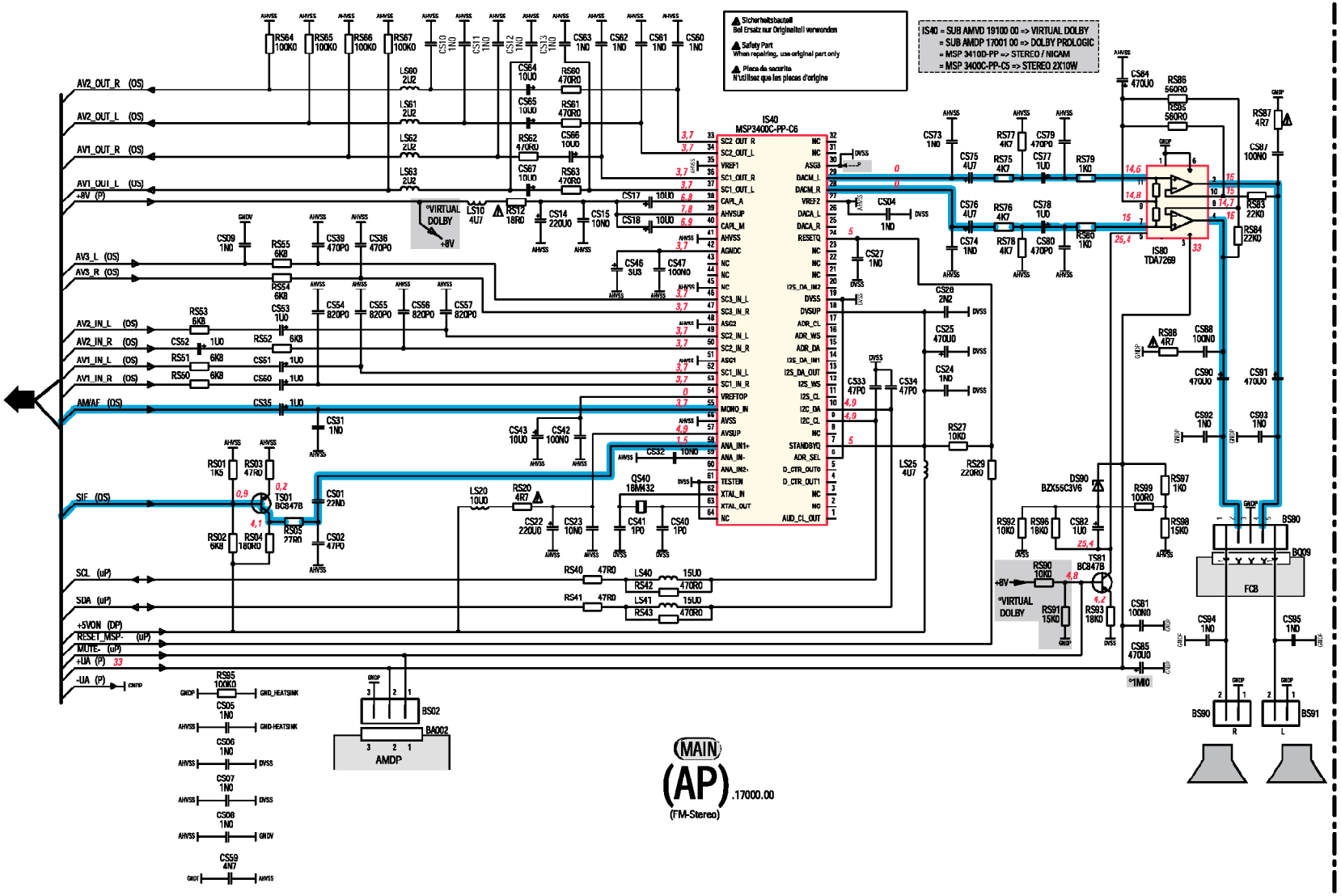
**RF/FI/ SCART INTERFACE/VIDEO SIGNAL PROCESSING -HF/FI INTERFACE PERITELEVISION/TRAITEMENT LUMINANCE CHROMINANCE - HF/ZF/ SCART INTERFACE/VIDEO SIGNALVERARBEITUNG - RF/FI /PRESA PERITEL/ELABORAZIONE VIDEO - RF/FI /EUROCONECTOR / TRATAMENTO VIDEO**


Standard | picture carrier [MHz] | sound carrier [MHz] | SWO1 | SWO2
B/G | 38.90 | | 0 | 1
I | 38.90 | 32.90/32.35 | 0 | 0
D/K | 38.90 | 32.40/32.85 | 0 | 1
K' | 38.90 | 32.40/33.05 | 0 | 0
L | 38.90 | 32.40/33.05 | 0 | 0
L' | 33.90 | 40.40 | 1 | 0
AV | X | X | X | X
T = 20ms
6Vpp-V
T = 64µs
6Vpp-H
1,5Vpp-V
3,5Vpp-H
3,8Vpp-H
4Vpp-H
2Vpp-H
3,2Vpp-H
(OS) .17055.00
MAIN
* = see CT 17xxx partslist
TO CRT BOARD
CRT

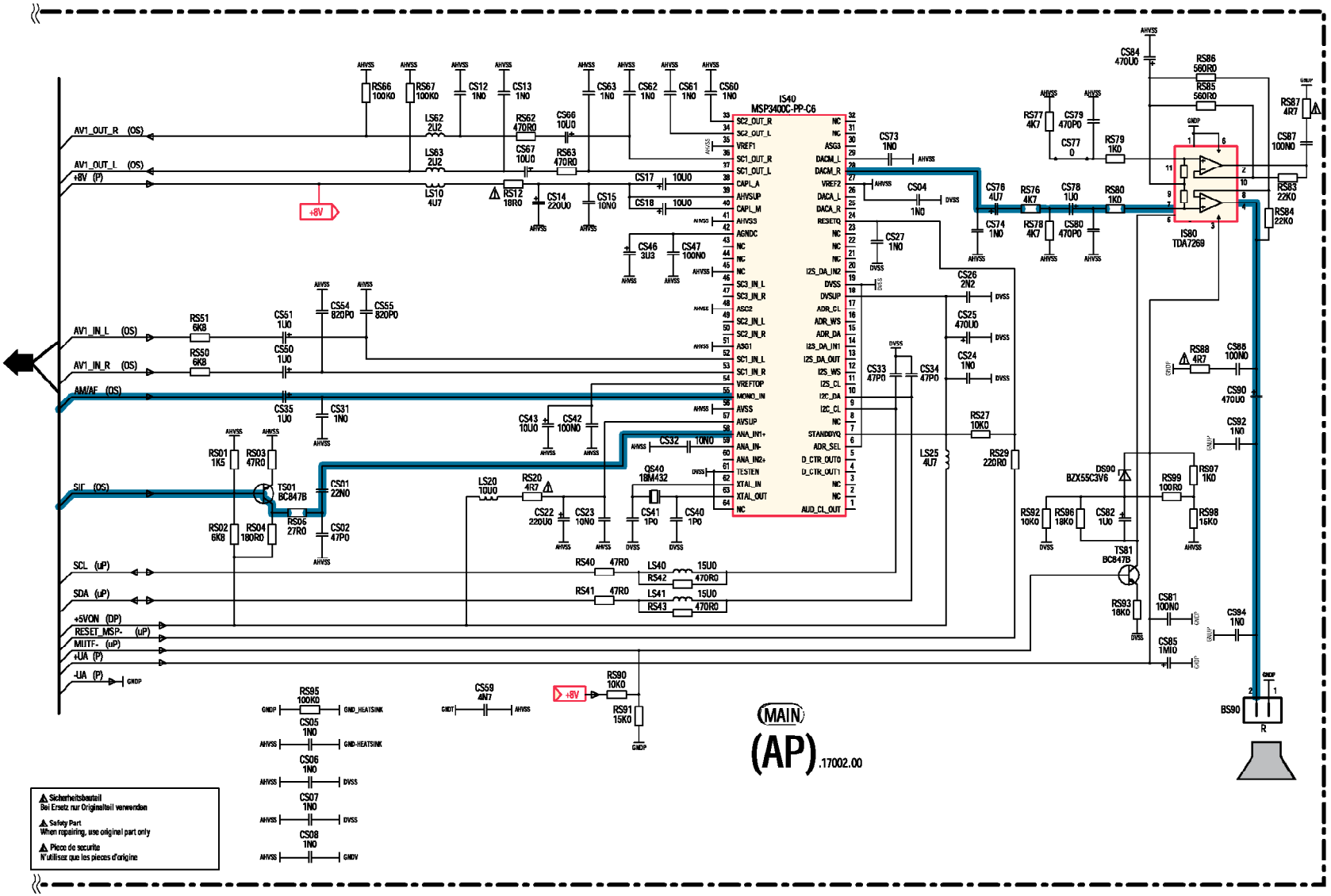
**RF/FI/ SCART INTERFACE/VIDEO SIGNAL PROCESSING -HF/FI INTERFACE PERITELEVISION/TRAITEMENT LUMINANCE CHROMINANCE - HF/ZF/ SCART INTERFACE/VIDEO SIGNALVERARBEITUNG - RF/FI /PRESA PERITEL/ELABORAZIONE VIDEO - RF/FI /EUROCONECTOR/TRATAMENTO VIDEO**



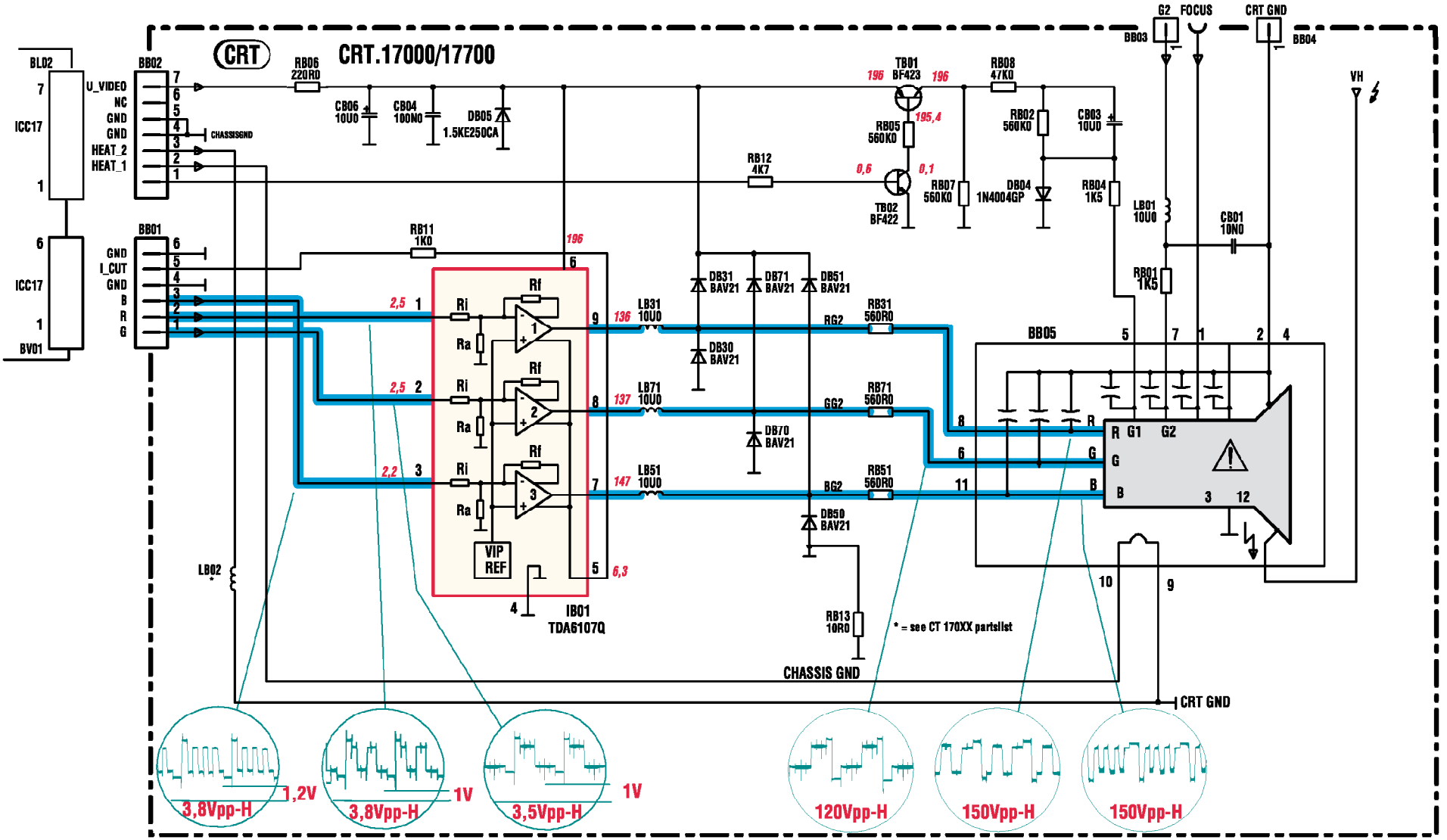
**AMPLIFIER SCHEMATIC DIAGRAM - SCHEMA DE L'AMPLIFICATEUR - SCHALTBILD AUDIO-SIGNALVERABEITUNG - SCHEMA DELL' AMPLIFICATORE**
**ESQUEMA DEL AMPLIFICADOR**
**(STEREO)**



**AMPLIFIER SCHEMATIC DIAGRAM - SCHEMA DE L'AMPLIFICATEUR - SCHALTBILD AUDIO-SIGNALVERABEITUNG - SCHEMA DELL' AMPLIFICATORE - ESQUEMA DEL AMPLIFICADOR**
**(MONO)**



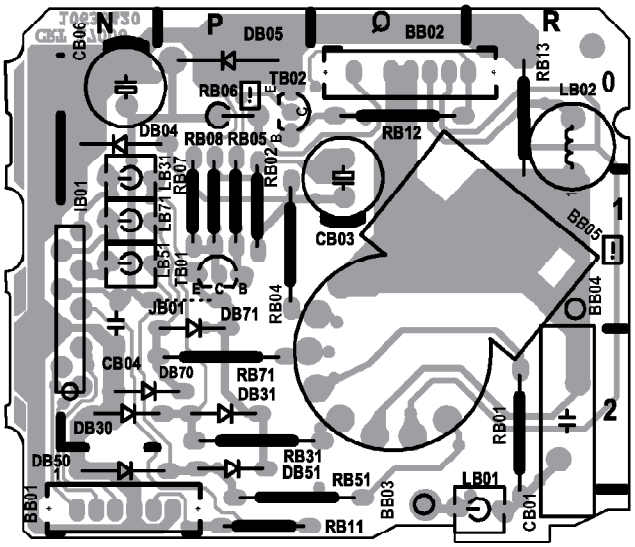
# VIDEO AMPLIFIER BOARD - PLATINE AMPLIFICATEURS VIDEO - VIDEOVERSTÄRKERPLATTE - PIASTRA AMPLIFICATORE VIDEO PLATINA AMPLIFICADOR VIDEO



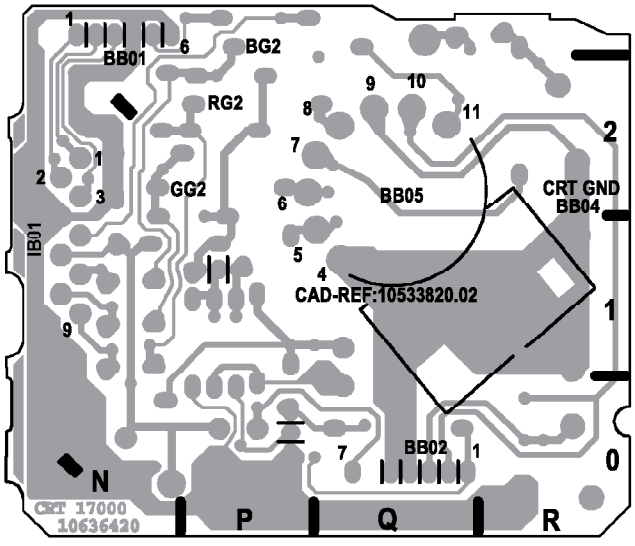
**VIDEO AMPLIFIER BOARD - PLATINE AMPLIFICATEURS VIDEO - VIDEOVERSTÄRKERPLATTE**
**PIASTRA AMPLIFICATORE VIDEO - PLATINA AMPLIFICADOR VIDEO**

## CRT 17000 / 17700

COMPONENT SIDE - CÔTE COMPOSANTS
BESTÜCKUNGSSEITE - LATO COMPONENTI
LADO COMPONENTES

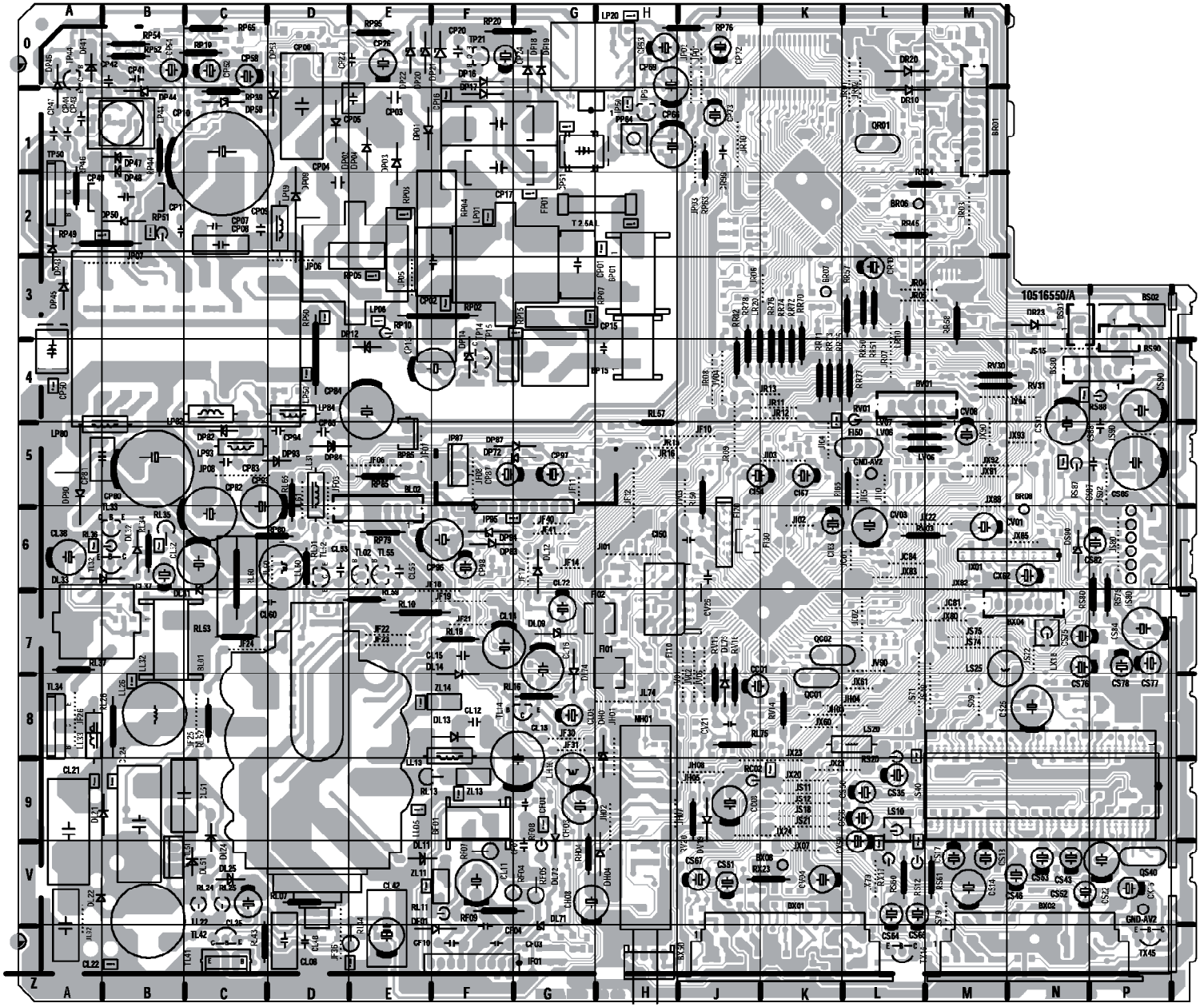



SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE
- LATO SALDATURE - LADO SOLDADURAS

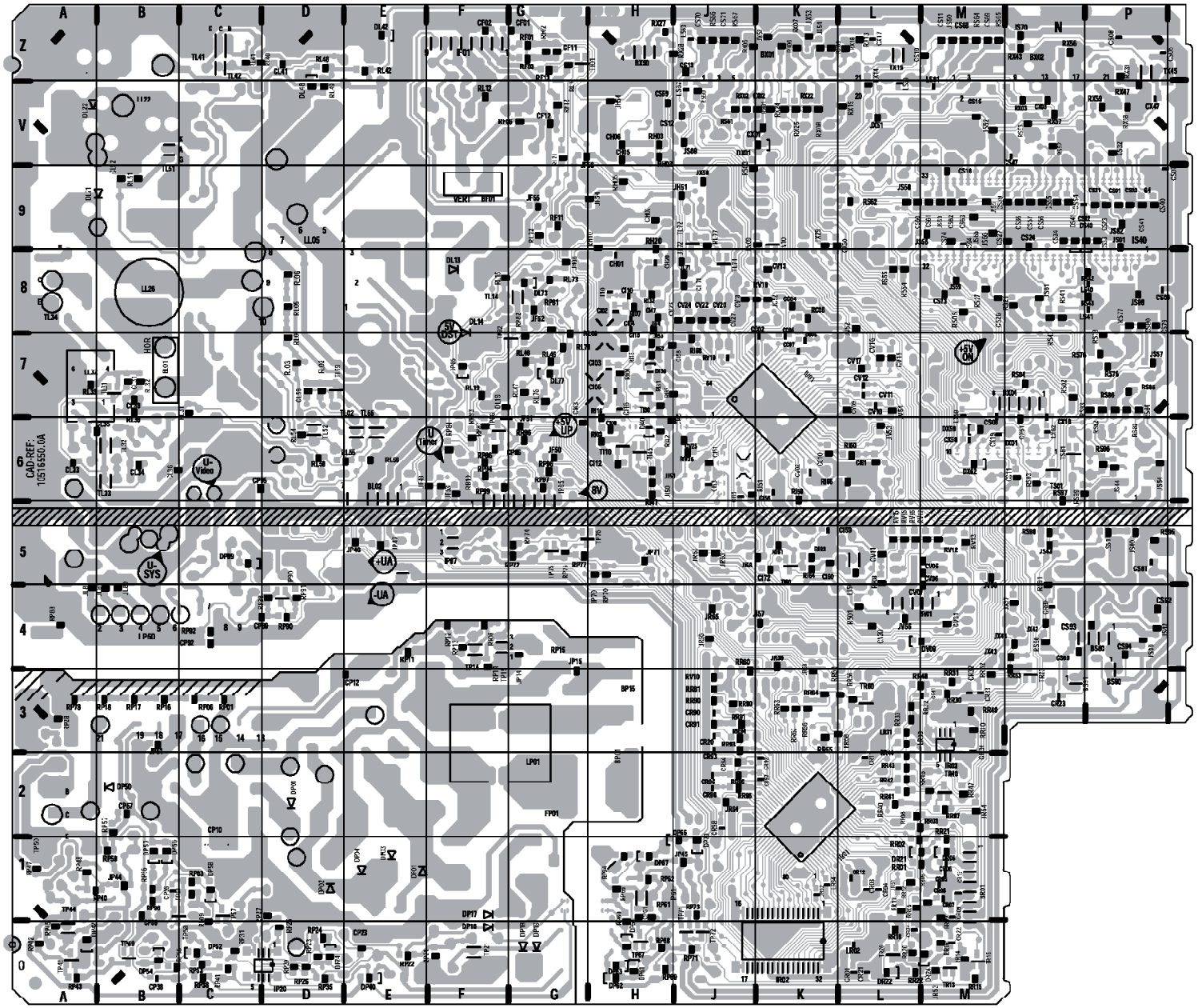


**MAIN BOARD - PLATINE PRINCIPALE - CHASSIS GRUNDPLATTE - PIASTRA PRINCIPALE - PLATINA PRINCIPAL**

COMPONENT SIDE - COTE COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI - LADO COMPONENTES



SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - LATO SALDATURE - LADO SOLDADURAS



THOMSON MULTI MEDIA

TV

Brandt FERGUSON SABA TELEFUNKEN THOMSON

PARTS LIST
LISTE PIECES DETACHEES
ERSATZTEILLISTE
LISTA PARTI DI RICAMBIO
LISTA DE PIEZAS DE REPUESTO

# SABA
# M8522C
# Chassis ICC17

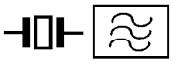
## MODULES

| | | |
|---|---|---|
| **MAIN** | **IC17F6H3015032** | |
| **FCB** | **FCB1701** | **R 25313060** |
| **KDB** | **KDB1706** | **R 25388640** |

| | | |
|---|---|---|
| **GK**01 | TSOP1333 | 25358570 |
| **IB**01 | TDA6107Q | 10533940 |
| **IF**01 | TDA8351 | 20753830 |
| **IP**20 | TS3702CD FLAT | 10537330 |
| **IP**50 | TLP621 GR(D4-LF2 T) | ⚠ 20827900 |
| **IP**61 | TL431ACZ | 10538830 |
| **IP**87 | MC7812/CT | 46007600 |
| **IP**95 | TDA8139 | 10044580 |
| **IR**01 | ST92R195 CUT2.2 JAL FLAT | 10592030 |
| **IR**02 | OTP C17 V3.00-0 EU | 25414350 |
| **IR**03 | M24C16MN6 FLAT | 25348520 |
| **IS**40 | MSP3400C-PP-C8 | 10596250 |
| **IS**80 | TDA7269 | 10348790 |
| **IV**01 | TDA8855H FLAT | 10533960 |
| **IX**01 | BA7604N | 10539590 |
| **ZL**11 | MP25 | ⚠ 10500150 |
| **ZL**13 | MP63 | ⚠ 10472270 |
| **ZL**14 | MP125 | ⚠ 10469180 |

| | | |
|---|---|---|
| **TB**01,**TP**21 | BF423 | 16003110 |
| **TB**02,**TL**02 | BF422 | 16003090 |
| **TF**01,**TI**60, **TL**31,**TP**58,59, 67,71,76,90, **TR**60,**TS**01,81, **TV**10 | BC847B SMD | 16007070 |
| **TI**10 | DTC144EK SMD | 16007030 |
| **TL**14 | 2SC2236Y | 16000220 |
| **TL**32 | BC337-40 | 45001466 |
| **TL**33 | MPS750 | 16001340 |
| **TL**34,**TP**50 | BUH516TH16 | 10401110 |
| **TL**41 | BD241C | 16001880 |
| **TL**42 | BC546B | 45001866 |
| **TL**59,**TP**42,86, **TR**15 | BC857B SMD | 30946660 |
| **TL**71 | BC847C SMD | 90618810 |
| **TL**72 | RN1401 SMD | 10966100 |
| **TP**14,**TX**15,45 | BC547B | 16000890 |
| **TP**15 | BTB06-600C | 10259910 |
| **TP**44 | 2SA1020Y | 16003140 |
| **TP**57,75,82 | BCR191 SMD | 16006910 |
| **TP**72,**TR**20 | DTC113ZK SMD | 10550750 |
| **TR**13,23,40 | BCR141 SMD | 16006890 |

| | | |
|---|---|---|
| **DB**04,**DP**16,17, 18,19 | 1N4004 | 44009009 |
| **DB**05 | 1.5KE250A | 25353360 |
| **DB**30,31,50,51, 70,71,**DJ**20, **DL**31 | BAV21 | 44044407 |
| **DE**01 | BZX55C2V7 | 80444120 |
| **DF**01 | BZW04-48 | 10351880 |
| **DH**01 | BZX55B33 | 80442730 |
| **DH**04,**DL**12,32, 33,72,74,75, **DP**53,**DR**20,23, **DV**19 | 1N4148 | 44009209 |
| **DK**01,**DL**09, **DP**77 | BZX55C5V1/ZPD5V1 | 80444140 |
| **DL**11,24,25,41, **DP**12,41,46,47, 48 | RGP10G | 10459090 |
| **DL**13 | RGP30D | 10455370 |
| **DL**14 | RGP15G | 10272800 |
| **DL**19,73,77, **DP**24,40,42,52, 54,56,57,58, 60,61,62,63, 67,70,85,89, **DR**21,22,24, **DV**09 | LL4148 SMD | 16012450 |
| **DL**21 | BY228 | 16008370 |
| **DL**22 | BYW76 | 16009120 |
| **DL**42 | ZMM5,1 SMD | 70446740 |
| **DL**48,**DX**59 | BAV103 SMD | 10155030 |
| **DL**71 | ZPD24 | 44016504 |
| **DP**01,02,03,04 | BYW27-1000 | 10455390 |
| **DP**06 | BZW04-342 | 25354340 |
| **DP**14 | BZX55C3V3 | 30948790 |
| **DP**20 | ZPD51/BZX55C51/BZX79C51 | 90578110 |
| **DP**21 | BZX85C39 | 80444000 |
| **DP**22 | BZX55B5V6/ZPD5V6 2% | 70438200 |
| **DP**43,45,50,87 | RGP02-20 | 10472330 |
| **DP**44 | BZX55C3V9 | 80444130 |
| **DP**59 | BZX55C18 | 11073680 |
| **DP**80 | MUR460 | 16009650 |
| **DP**82 | FUF4005/MUR160 | 16009580 |
| **DP**83 | BAT42 | 16007410 |
| **DP**84,93 | MUR120 | 10564670 |
| **DP**94 | BZX55C13 | 70438310 |
| **DR**05 | LL42 SMD | 16012530 |
| **DS**90 | BZX55C3V6 | 50890640 |
| **GE**01 | TLUV5300 LED | 11137650 |



| | | |
|---|---|---|
| **FI**10 | OFWG3970M FOS | 10512420 |
| **FI**20 | OFWK9354M FOS | 10354110 |
| **FI**50 | 5M74HZ | 20338170 |
| **QC**01 | 4M433619HZ | 10087710 |
| **QC**02 | 3M579545IIZ | 10542190 |
| **QR**01 | 4M0HZ | 10254300 |
| **QS**40 | 18M432H7 | 10334670 |

| | | |
|---|---|---|
| **FI**01 | 40M4HZ | 20300950 |
| **FI**02 | 31M9HZ | 10552630 |
| **FI**30 | 77M8HZ | 10559760 |
| **LL**22 | | 10636390 |

| | | |
|---|---|---|
| **PP**64 | 1K0 OHM | 70434550 |

R : RECYCLED PART
: PIECE RECYCLEE
: AUSTAUSCHTEILE
: RICAMBIO RICICLATO
: MODULO REPROCESADO

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| | | | |
|---|---|---|---|
| **RB**01,04 | 1K5 OHM 5% 0,50W | | 10121880 |
| **RB**06 | 220R0 OHM 5% 0,25W | ⚠ | 15009810 |
| **RB**13 | 10R0 OHM 10% 0,50W | | 15000160 |
| **RB**31,51,71 | 560R0 OHM 10% 0,50W | | 10257590 |
| **RC**02 | 1R0 OHM 5% 0,40W | ⚠ | 13060910 |
| **RF**05 | 1R0 OHM 1% 0,70W | | 10254220 |
| **RF**07 | 220R0 OHM 1% 0,70W | | 10233720 |
| **RL**01 | 45K3 OHM 1% 0,25W | | 15018160 |
| **RL**07 | 6K19 OHM 1% 0,40W | | 15020490 |
| **RL**13 | 0R47 OHM 5% 2,5W | | 10537750 |
| **RL**26 | 1K0 OHM 10% 0,50W | | 10393870 |
| **RL**35 | 4R7 OHM 5% 0,35W | ⚠ | 10226310 |
| **RL**36,**RP**10 | 2R2 OHM 5% 0,25W | ⚠ | 15009870 |
| **RL**43 | 68K1 OHM 1% 0,70W | | 10147740 |
| **RL**44 | 1R0 OHM 5% 0,50W | ⚠ | 10576360 |
| **RP**04 | 2R7 OHM 5% 4,50W | | 10379110 |
| **RP**15 | 18R0 OHM 220V PTC | ⚠ | 41398800 |
| **RP**49 | 0R47 OHM 5% 2,5W | ⚠ | 25339900 |
| **RP**50 | 10M0 OHM 5% 0,70W | ⚠ | 10074320 |
| **RP**63 | 432K0 OHM 1% 0,13W | | 10354720 |
| **RS**12 | 18R0 OHM 5% 0,30W | ⚠ | 15009660 |
| **RS**87,88 | 4R7 OHM 5% 0,25W | ⚠ | 35032200 |
| **RV**20 | 33K2 OHM 1% 0,25W | | 15016530 |
| **RX**17 | 10R0 OHM 5% 0,25W | ⚠ | 15009580 |

| | | | |
|---|---|---|---|
| **CB**01 | 10N0F 3K0V | | 14036450 |
| **CB**04 | 47N0F 5% 400V | | 25349330 |
| **CL**08 | 10N0F 5% 400V | | 14035870 |
| **CL**12,15,**CP**18, 21,42,85,94 | 330P0F 20% 1K0V | | 14035270 |
| **CL**21 | 16N5F 3,5% 2K0V | ⚠ | 10580750 |
| **CL**22 | 30N0F 5% 1K0V | ⚠ | 10576730 |
| **CL**24 | 560N0F 5% 250V | ⚠ | 10540120 |
| **CL**48 | 10N0F 10% 100V | | 70427750 |
| **CP**01 | 100N0F 20% 275V | ⚠ | 10331520 |
| **CP**03,04 | 4N7F 1K0V | | 10058740 |
| **CP**05 | 1N5F 10% 1K0V | | 20338740 |
| **CP**10 | 150U0F 385V | | 43424800 |
| **CP**11 | 10N0F 10% 400V | | 15001080 |
| **CP**16,17 | 470N0F 20% 275V | ⚠ | 10596570 |
| **CP**20 | 220P0F 10% 400V | | 14033000 |
| **CP**49 | 3N3F 20% 1K6V | | 10607950 |
| **CP**50 | 1N0F 20% 400V | ⚠ | 43106800 |
| **CP**51 | 150P0F 20% 400V | ⚠ | 20738090 |
| **CP**81 | 1N0F 10% 500V | | 10546570 |
| **CP**83 | 100P0F 20% 1K0V | | 14035280 |

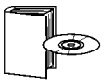
| | | | |
|---|---|---|---|
| **LL**05 | DSTTDS29 | ⚠ | 10516050 |
| **LL**26 | 22U0H | ⚠ | 10601650 |
| **LL**32 | DRIVER | | 10518110 |
| **LP**01 | | ⚠ | 10261530 |
| **LP**20 | DRIVER | ⚠ | 10554410 |
| **LP**44 | DRIVER | | 10561800 |
| **LP**50 | SMT41 | ⚠ | 10537860 |

# OTHER PARTS
# AUTRES PIECES
# SONSTIGE TEILE
# ALTRE PARTI
# OTRAS PIEZAS

| | | | |
|---|---|---|---|
| **BB**05 | CATHODE RAY TUBE SOCKET<br>SUPPORT TUBE CATHODIQUE<br>BILDROEHRENFASSUNG<br>SUPPORTO TUBO CATODICO<br>SOPORTE T.R.C | ⚠ | 80298800 |
| **BJ**10 | CINCH SOCKET<br>PRISE CINCH<br>CINCH-BUCHSE<br>PRESA CINCH<br>TOMA CINCH | | 10037440 |
| **BJ**11 | SVHS SOCKET<br>PRISE SVHS<br>S VHS BUCHSE<br>PRESA SVHS<br>TOMA SVHS | | 20392900 |
| **BQ**12 | JACK SOCKET<br>PRISE JACK<br>BUCHSE<br>PRESA JACK<br>TOMA JACK | | 10539510 |
| **BX**01,02 | SCART SOCKET<br>PRISE PERITEL<br>EURO-AV-BUCHSE<br>EUROPRESA NORMALIZZATA<br>EUROCONECTOR | | 90617260 |
| **CH**200 | ON/OFF SWITCH<br>CONTACTEUR MARCHE/ARRET<br>EIN-AUS SCHALTER<br>CONTATTORE ACCESO/SPENTO<br>CONTACTOR MARCHA/PARADA | ⚠ | 10276500 |
| **FP**01 | 2A5T TIMF-LAG FUSF<br>2A5T FUSIBLE TEMPORISE<br>2A5T SICHERUNG<br>2A5T FUSIBILE TEMPORIZZATO<br>2A5T FUSIBLE TEMPORIZADO | ⚠ | 10246750 |
| **NH**01 | CTT5010 UHF/VHF TUNER R<br>CTT5010 TETE UHF/VHF<br>CTT5010 UHF/VHF TUNER<br>CTT5010 TUNER UHF/VHF<br>CTT5010 SINTONIZADOR UHF/VHF | | 20812280 |
| **SK**01,02,03,04 | MICROSWITCH<br>MICRO CONTACTEUR<br>MIKROSCHALTER<br>MICROINTERRUTTORE<br>MICROCONTACTOR | | 30011100 |

# EQUIPMENT/PRESENTATION
# EQUIPEMENT/PRESENTATION
# AUSSTATTUNG/GEHAEUSE
# PARTI VARIE
# EQUIPO/PRESENTACION

| | | |
|---|---|---|
| FRONT PANEL<br>FACADE<br>FRONTPLATTE<br>PANNELLO FRONTALE<br>PANEL FRONTAL | | 25330730 |
| REAR PANEL<br>DOS<br>RUECKWAND<br>PANNELLO POSTERIORE<br>TAPA POSTERIOR | ⚠ | 25317470 |
| LOGO SABA<br>LOGO SABA<br>SCHRIFTZUG SABA<br>MARCHIO SABA<br>LOGOTIPO SABA | | 25295070 |
| CHASSIS SUPPORT<br>SUPPORT CHASSIS<br>CHASSIS HALTER<br>SUPPORTO CHASSIS<br>SOPORTE CHASSIS | | 25296750 |
| 8R OHM 15W LOUDSPEAKER 60X125<br>8R OHM 15W HAUT PARLEUR 60X125<br>8R OHM 15W LAUTSPRECHER 60X125<br>8R OHM 15W ALTOPARLANTE 60X125<br>8R OHM 15W ALTAVOZ 60X125 | | 10467060 |
| ON/OFF BUTTON<br>TOUCHE MARCHE/ARRET<br>EIN-AUS TASTE<br>TASTO ACCESO/SPENTO<br>TECLA MARCHA/PARADA | | 25309090 |
| BUTTON ASSY<br>ENSEMBLE DE TOUCHES<br>TASTENEINHEIT<br>ASSIEME TASTI<br>CONJUNTO DE TECLAS | | 25312630 |
| POWER SUPPLY LEAD<br>CORDON D'ALIMENTATION<br>NETZKABEL<br>CAVO DI ALIMENTAZIONE<br>CABLE DE ALIMENTACION | ⚠ | 10260880 |
| A80AEJ15X01 CATHODE RAY TUBE<br>A80AEJ15X01 TUBE CATHODIQUE<br>A80AEJ15X01 FARBBILDROEHRE<br>A80AEJ15X01 TUBO CATODICO<br>A80AEJ15X01 T.R.C | ⚠ | 10575160 |
| DEGAUSSING COIL<br>BOBINE DE DEMAGNETISATION<br>ENTMAGNETISIERUNGSSPULE<br>BOBINA DI SMAGNETIZZAZIONE<br>BOBINA DE DESIMANTACION | ⚠ | 47320106 |
| TC100 REMOTE CONTROL<br>TC100 TELECOMMANDE<br>TC100 FERNBEDIENUNG<br>TC100 TELECOMANDO<br>TC100 TELEMANDO | | 20879570 |
| FOLDING BOX<br>EMBALLAGE CARTON<br>KARTON<br>IMBALLAGGIO CARTONE<br>EMBALAJE CARTON | | 25320420 |
| FITTING DOWNER<br>CALE INFERIEURE<br>POLSTER UNTEN<br>DISTANZIATORE INFERIORE<br>CAZO INFERIOR | | 25312520 |
| FITTING UPPER<br>CALE SUPERIEURE<br>POLSTER OBEN<br>DISTANZIATORE<br>CALZO SUPERIOR | | 25312500 |



| | |
|---|---|
| M8522C PARTS LIST<br>M8522C LISTE DE PIECES DETACHEES<br>M8522C ERSATZTEILLISTE<br>M8522C LISTA PARTI DI RICAMBIO<br>M8522C LISTA DE PIEZAS DE REPUESTO | 35083930 |
| ICC17 SERVICE MANUAL EUROPE<br>ICC17 DOC TECHNIQUE EUROPE<br>ICC17 TECHNISCHE DOKUMENTATION EUROPE<br>ICC17 DOCUMENTAZIONE TECNICA EUROPE<br>ICC17 DOCUMENTACION TECNICA EUROPE | 35063330 |
| M8522C UM TH D/F/I/E/GB/NL/S/DK/PL/ GR/CZ/I/H/SK/RU/P<br>M8522C NU TH D/F/I/E/GB/NL/S/DK/PL/ GR/CZ/I/H/SK/RU/P<br>M8522C BA TH D/F/I/E/GB/NL/S/DK/PL/ GR/CZ/I/H/SK/RU/P<br>M8522C IU TH D/F/I/E/GB/NL/S/DK/PL/ GR/CZ/I/H/SK/RU/P<br>M8522C IU TH D/F/I/E/GB/NL/S/DK/PL/ GR/CZ/I/H/SK/RU/P | 25390150 |
| CDROM ICC17<br>CDROM ICC17<br>CDROM ICC17<br>CDROM ICC17<br>CDROM ICC17 | 35065140 |



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